

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Pool Oil & Gas Co.

3. ADDRESS OF OPERATOR

817 17th Street, Suite 309, Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NE. SW. Sec. 27, T 27S, R 21E., S.L.M.

At proposed prod. zone 1837' fr. W-line and 2027' fr. S-line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles SW. of Moab, Utah (60 miles by road)

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

517 ft.

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

No Others

16. NO. OF ACRES IN LEASE

1640 Acres

19. PROPOSED DEPTH

7700'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80 Acres

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5587' Grd; 5600' K.B.

22. APPROX. DATE WORK WILL START*

Dec. 20, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.00#	1200 ft.	300 sks
7 7/8"	4 1/2"	11.60&10.50#	7700'	Cemented to 100' above salt

It is planned to drill a well at the above location to test the hydrocarbon production possibilities of all formations down to and including the Mississippian formation at a depth of about 7700'. There will be about 1200' of surface casing (8 5/8") set thru the Shinarump formation to protect possible uranium mines in the area. Hydraulically operated blow-out-preventer or hydril will be mounted on top of the surface casing for control equipment. The well will be drilled with rotary tools using mud for circulation. All hydrocarbon shows will be drill-stem-tested. In case of production, 4 1/2" or 5 1/2" casing will be set and cemented with sufficient cement to bring the cement above the top of salt. The well will then be completed conventionally. See attached Prognosis.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Fred W. Pool

TITLE President

DATE Nov. 19, 1979

(This space for Federal or State office use)

PERMIT NO.

43-037-30518

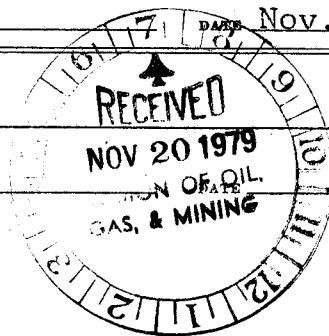
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

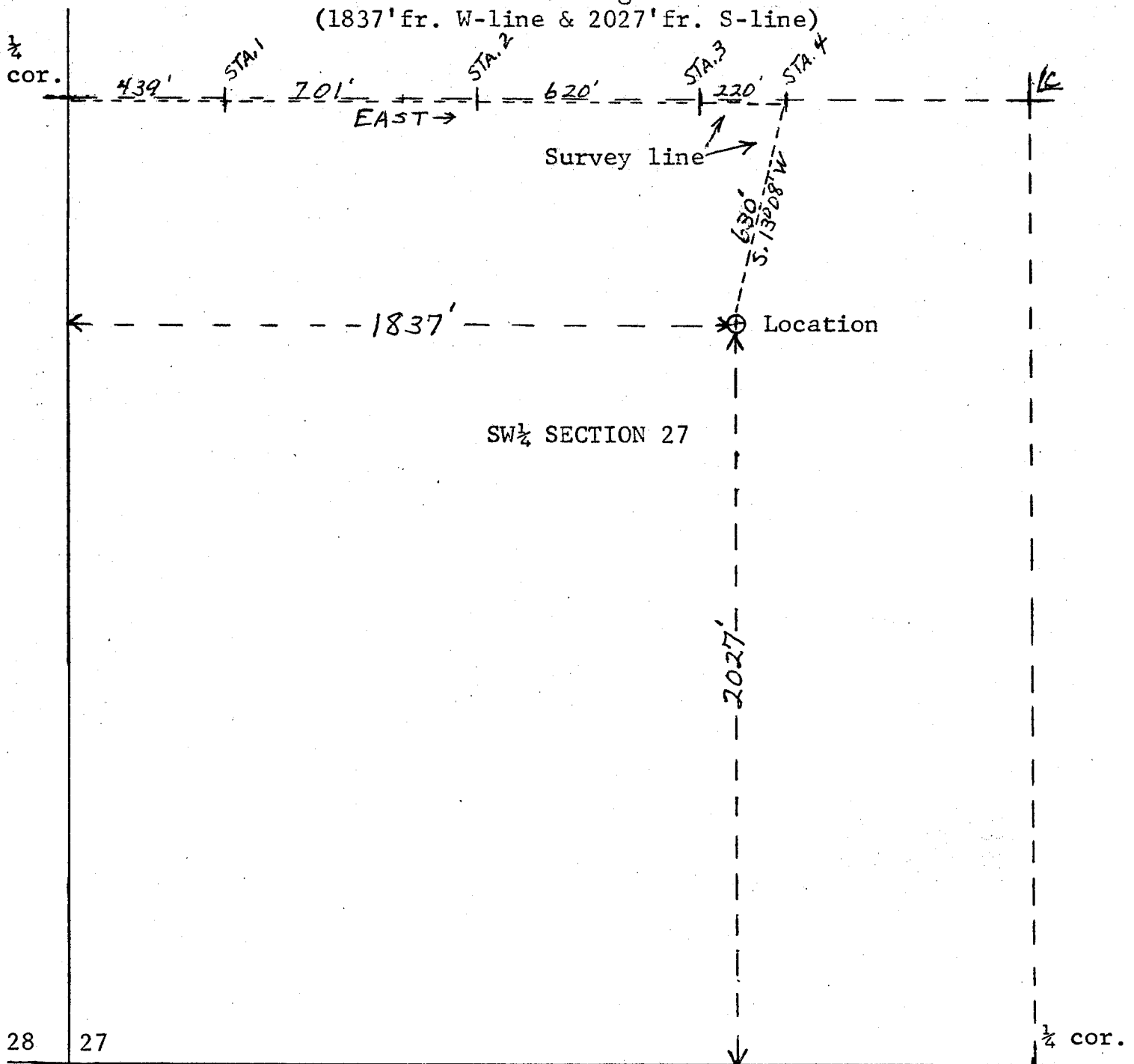
*See Instructions On Reverse Side



LOCATION PLAT FOR
POOL OIL & GAS COMPANY
HATCH PT. #27-1A WELL
NE.SW.SEC.27-27S-21E
SAN JUAN COUNTY,
UTAH

Elev.: 5587'grd.

(1837'fr. W-line & 2027'fr. S-line)



28 27 33 34 Ref. Pts. are 150' N-S-E-W. Pit on north side. Rig oriented NW-SE.

Scale: 1 in. = 400 ft.
Date: Nov.17,1979

I, Sherman D. Gardner, do hereby certify that this plat was plotted from notes of a field survey made under my supervision, responsibility, and checking on Nov.14,1979

Sherman D. Gardner
Registered Land Surveyor
State of Utah #1556

Plat No.1

PROGNOSIS FOR
POOL OIL & GAS CO.
HATCH PT. #27-1AWELL
SAN JUAN COUNTY, UTAH

Location: NE. SW. Sec. 27, T 27S, R 21E, S.L.M., San Juan County, Utah (1837' from W-line and 2027' from S -line)

Elevation: 5570' Grd; 5585' K.B.

Surface Casing: One joint of conductor pipe (13 5/8" or equivalent) will be set and cemented manually at the surface; then an 12 1/4" hole will be drilled to a depth of 1200' for the surface casing. 1200 ft. of 8 5/8", 24.00#, K-55 casing will be set and cemented with 300 sks of reg. cement w/3% CaCl, with returns to the surface. Casing will be set with a Texas shoe and six (6) centralizers. A casing head, Series 600 with No. 10 flange, will be installed on top of the casing. The cement will be allowed 12 hours to set before nipping up.

Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Kayenta	Surface	50'	5585' K.B.
Wingate	50'	400'	5535'
Chinle	450'	600'	5135'
Shinarump	1050'	70'	4535'
Moenkopi	1120'	700'	4465'
Cutler	1820'	930'	3765'
Rico	2750'	250'	2835'
Hermosa (Upper) *	3000'	1150'	2585'
Paradox Salt *	4150'	2650'	1435'
Pinkerton Trail *	6800'	280'	-1260'
Molas	7280'	50'	-1540'
Mississippian *	7330'	—	-1590'
Total Depth	7700'		

* Formations with possible hydrocarbons present.

1. It is planned to drill a 12 $\frac{1}{4}$ " surface hole for the surface casing to a depth of about 1200'. (This depth will be sufficient to set the casing thru the Shinarump formation for the protection of possible uranium mines in the area.) Casing, 8 5/8", 24.00#, K-55, R-3, will be run and cemented with 300 sks of cement with returns to the surface. The surface hole will be drilled, using a bottom hole reamer and stabilizer (one collar up) on the drill string to maintain a straight hole, since no surveys can be taken in this portion of the hole due to hydrostatic sticking. A casing head will be mounted on top of the casing and a blowout preventer with hydraulically operated blind and pipe rams, or a hydril, will be mounted on the casing head. Fill and kill lines will be connected thru a manifold to the casing head below the blind rams. As soon as the cement plug is drilled out of the surface casing, the B.O.P. or hydril and surface casing will be tested to 2000 lbs. for leaks.
2. A 7 7/8" hole will then be drilled below the surface casing to a depth of about 4000 feet, using fresh water mud for circulation. At this point, the mud system is to be changed over to a salt base mud to permit drilling the salt section below. All shows of hydrocarbons will be drill-stem-tested. Particular attention will be given to the various clastic zones in the salt section. These can be productive and are very susceptible to formation damage by the drilling fluids. No barite (barium sulfate) is to be used at any time, if it can possibly be avoided.
3. A bottom hole reamer and stabilizer (one collar up) will be used in the drill string below the surface casing to maintain a straight hole. Deviation surveys will be taken at 400-ft. intervals. Maximum deviation will be kept below 6°, if possible, and the maximum drift between surveys will be 2°.
4. Samples of the cuttings will be taken at 10-ft. intervals, beginning at 800' and continuing to total depth.
5. The well will be drilled to a depth which is at least 250 ft. below the top of the Mississippian formation or to good commercial production. In the event of good production before the Mississippian is reached, the drilling may be discontinued at this point and 5 $\frac{1}{2}$ " casing run to permit drilling deeper at a

later date. The mud program will be supervised by the company representative.

6. At total depth the well will be logged electrically; and a Gamma-Induction log and a Gamma-Density-CNL log will be run.
7. If production is obtained in the Mississippian, casing, 4½", 11.60#, K-55, R-3 will be run from 7700' to about 4000' and 4½", 10.50# casing will be run from 4000' to surface, and cemented with about 400 sks of reg. cement w/10% salt and 800 sks of Pozmix (50-50) light cement. Sufficient cement to cover the salt section will be used.
8. A gamma-cement bond log will be run and the production zone perforated, 2 3/8" tubing run, and completed conventionally. It may be necessary to break down the formation with a weak acid treatment which would be swabbed out immediately after treatment.
9. The drilling of this well should take about one month and completion work should take about ten days.

W. Don Quigley

W. Don Quigley
Consultant
Suite 440
57 West South Temple
Salt Lake City, Utah 84101

NTL - 6 PLAN REPORT

For

Well Name: Hatch Pt. #27-1ALocation: NE. SW. Sec. 27-27S-21E, S.L.M., San Juan County, Utah1. Existing Roads: (See attached Maps)

A. Well Location: (See Plat #1)

Reference Stakes: 150 ft. N-S-E-WPerimeter Stakes: Reference stakes also mark perimeter of well pad.

B. Route and Distance to Well Site From Reference Point: (See att. maps)

Take Hwy 163 south from Moab for 31 miles to Canyon Rim Road, thence northwest on Canyon Rim Road for 29 miles, thence $\frac{1}{2}$ mile E. on new rd. to location.

C. Access Roads (Identify secondary roads to be used): (See att. maps)

The Canyon Rim Road is an improved all weather road and is less than $\frac{1}{2}$ mile from the well site. All other roads in the area are unimproved trails and have a natural base of sand, gravel and rock.

D. Roads Within 3 mile Radius: (See att. maps) See above. The last $\frac{1}{2}$ mile of access road will be new and will be a 20-ft. wide dozed path across natural surface. All other roads in the 3-mile radius (except the Canyon Rim Rd) are trails and unimproved.

Surface type and conditions: The surface of the new road will be sand, silt, and some gravel. The main road (Canyon Rim Rd) is gravelled ditched, and is an all-weather road.

E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above.See AboveF. Plans for Road Improvement & Maintenance: No improvement or maintenance is required initially. In the event of production, the new access road will be ditched, crowned, and gravelled if required for

F. all weather use. Drain-outs will be provided where needed, and the road will be cut to the bottom of the shallow washes.

2. Planned Access Roads: (See att. maps) Approx. 1/2 mile of new road - built along ridge.

(1) Width: Maximum disturbed width of 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None required

(4) Drainage Design: None required initially

(5) Location and Size of Culverts, Cuts, and Fills: No deep cuts or fills will be required. The road will be cut to the bottom of one shallow wash (Maximum cut is 2 ft.).

(6) Surfacing Material: Natural surface of sand, silt, and gravel

(7) Gates, Cattleguards, or Fence Cuts: None required.

(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 2) None within 2-mile radius

(1) Water Wells: None

(2) Abandoned Wells: Several within a six-mile radius

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None

(6) Producing Wells: None

(7) Shut-in Wells: None

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried?

B. If new facilities are contemplated, in the event of production, show: (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at this time. In the event of gas production, a pipeline leading to the main gas line at Lisbon will have to be constructed, but this will be applied for at a later date.

(2) Give dimensions of facilities: See Plat #2.

(3) Construction methods and materials: Tank batteries will be placed on gravel pads and surrounded by a 3-ft high dike which is 15-ft from the sides of the tanks. Heater-treaters and pump jacks, if required, will be placed on concrete blocks or raised dirt and gravel pads. All pipe lines on the pad will be buried. Unused portions of the pad will be graded and reseeded. Any fluid pit will be diked and neatly contoured.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (40") and covered with streamers to protect animals and birds. Pump jacks or rotating machinery will have guards to prevent danger of moving parts.

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or fenced

C. with woven wire if full of fluid before rig is removed. While production ensues, previous areas of the well pad not needed for production operations will be restored as in Item 10 below. Cleaning the site and pit work will be done within 30 days after the well is completed, if possible.

5. Location & Type of Water Supply: (See att. maps)

A. Type of Water Supply: Water well. A water well about 5 miles south of the location will be used for the water supply. (See Map #1).

B. Method of Transporting Water: The water will be hauled by truck from the water well. This is a distance of about 5 miles.

C. Is Water Well Planned? No new water well.
If so, describe location, depth and formation: _____

6. Source of Construction Materials:

A. See attached map and describe: None needed.

B. Identify if Federal, Indian, or Fee Land: _____

C. Describe Material: (Where from and how used) _____

D. See item 1-C and 2 above.

7. Waste Disposal:

(1) Cuttings: Cuttings will be deposited into the reserve pit.

(2) Drilling Fluids: In mud tanks; excess put into reserve pit.

(3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.

(4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with soil (3' deep) at end of operation.

(prior to commencement of
drilling)

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit (4'X6'X6' deep) and burned periodically. The burn pit will be placed approx. 125 feet from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3' of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site, as soon as the well is completed.

8. Airstrips and/or Camp Sites (Describe): None needed.

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: The location is on a gentle slope which is surrounded by shallow washes. The east and south sides are the high sides and these sides will be cut down about 3' and pushed to the north and west sides. The location is underlain by a ss. ledge & thus has a minimum of
(2) Describe pits, living facilities, soil stockpiles: moveable cover.

The surface soil (12") will be piled at the east and south sides of the location. The reserve pit will be on the north side and excavated material will be piled around the sides. A high bank will be placed on the north side of the pit to prevent fluids getting into the wash. Two or three house trailers will be provided for supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? Unlined with 6 ft. banks.

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire if full of fluid, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass or acceptable seed mix authorized by BLM.

B. If Well is abandoned: _____

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible. Clean-up will be accomplished at

- B. (1) the time the rig is removed. The reserve pit, if full of fluid, will be fenced immediately and allowed to evaporate before folding-in. The rest of the work will be done within 10-60 days after well is completed.
- (2) Seeding location and access road: Site will be scarred with a dozer or spike tooth drag and seeded with crested wheat or seed mix authorized by BLM, by hand broadcasting. The access road, if no longer needed, will be erased, scarred, and seeded as above. Water bars will be placed where needed.
- (3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released and remain fenced until the fluid evaporates.
- (4) Is there any oil in reserve pit? Should be none.
If so, describe disposal: If there is any large amount of oil in the pit, it will be pumped out and removed before covering the pit.
- (5) When will restoration work be done? As soon as possible. Within 60 days after equipment is removed, if weather and availability of clean-up equipment permit, and will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on a gentle slope with a wash trending E-W on the north side. The surface is sand and gravel. The vegetation is shad scale, sage brush and sparse grass.

(2) Other Surface Activities & Ownership: There are no continuous activities in the area. Occasional site-seers and tourists visit the camp grounds and Anticline Lookout at the end of Hatch Pt. This is federal land and oil & gas leases have been granted to various oil companies. Husky Oil Co. has the lease under the drill site.

(3) Describe other dwellings, archaeological, historical, or cultural sites: Tourist attractions are in the nearby area. These are the Hatch Pt. Camp sites and Anticline Lookout. There are no known archaeological sites or exhibits on or near the drill site. Some cattle grazing by local ranches have been allowed in the past. Other wells have been drilled in the general area in the past. No other wells are currently operating or being drilled. An archaeological report is being prepared and will be submitted separately.

12. Operators Representative: (Address & Phone number)

W. Don Quigley, Suite 440, 57 W. South Temple Bldg., Salt Lake City, Utah 84010 801-359-3575

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations proposed herein will be performed by Pool Oil & Gas Co.

and its contractors in conformity with this plan and terms and conditions under which it is approved.

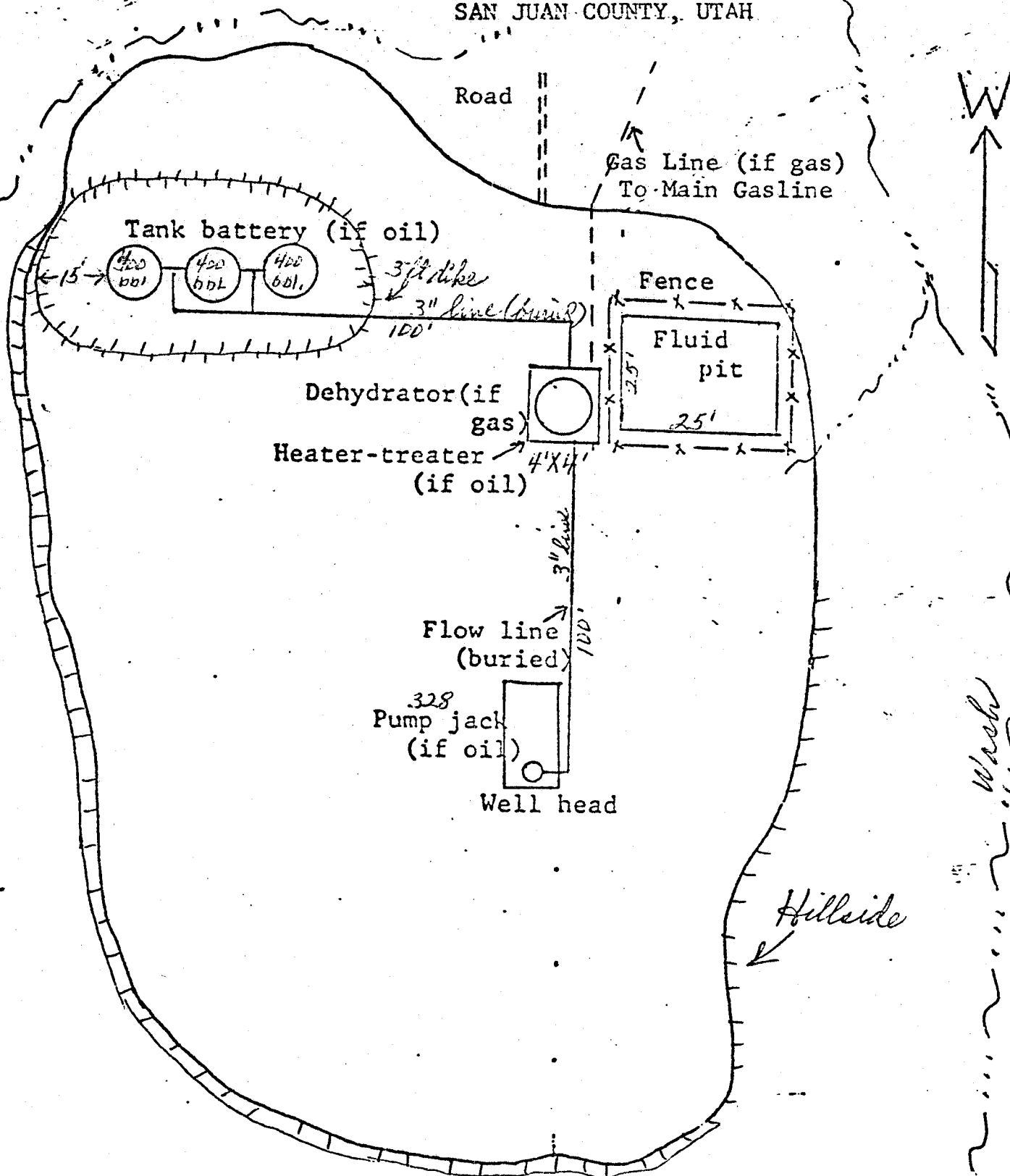
Date: November 19, 1979

Name: H. Don Grigley

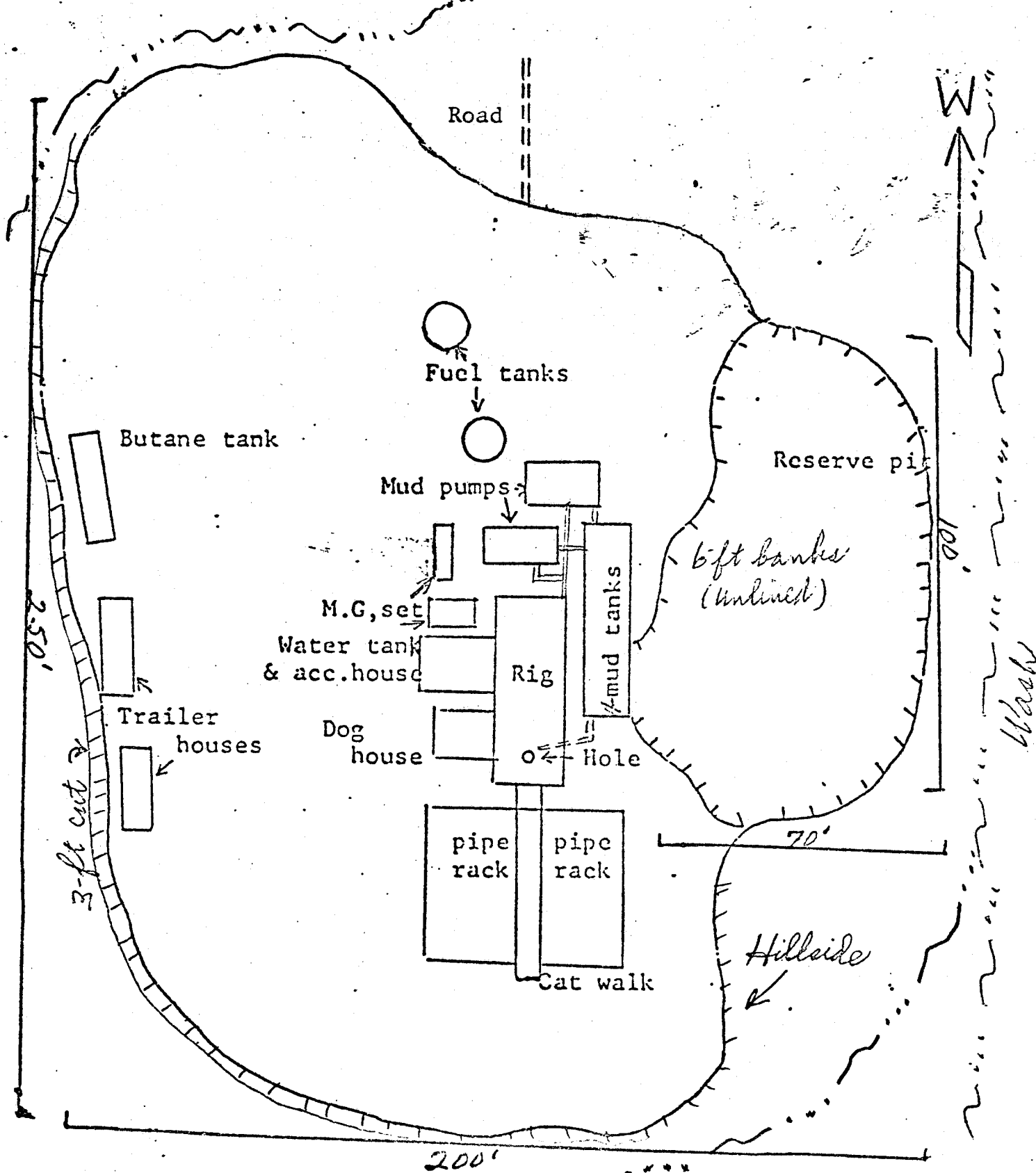
Title: Consultant

PLAN FOR PRODUCTION EQUIPMENT

POOL OIL & GAS COMPANY
HATCH PT. #27-1A WELL
NE. SW. SEC. 27-27S-21E.
SAN JUAN COUNTY, UTAH



LOCATION PLAN FOR
POOL OIL & GAS COMPANY
HATCH PT. #27-1A WELL
NE. SW. SEC. 27-27S-21E.
SAN JUAN COUNTY, UTAH



Scale: 1 in. = approx. 35 ft.

WELL CONTROL EQUIPMENT
FOR
POOL OIL & GAS COMPANY
HATCH PT. #27-1A WELL
NE. SW. SEC. 27-27S-21E.
SAN JUAN COUNTY, UTAH

1. Surface Casing:
 - A. Hole size for surface casing is 12 $\frac{1}{4}$ ".
 - B. Setting depth for surface casing is approx. 1200 ft.
 - C. Casing specs. are: 8 5/8" O.D., K-55, 24.00#, LTC, R-3.
 - D. Anticipated pressure at setting depth is approx. 400#.
 - E. Casing will be run using six centralizers and a guide shoe, and will be cemented with 300 sks of cement with returns to the surface.
 - F. Top of casing will be about 18" below ground level.
2. Casing Head:

Flange size: 10; API Pressure Rating: 3000# W.P.; Series 600; Cameron, OCT, or equivalent; new or used; equipped with two 2" ports with high pressure nipples and 3000# W.P. ball valves.
3. Intermediate Casing: Probably none.
4. Blowout Preventer:
 - A. Double rams, hydraulic, one set of blind rams and one set of pipe rams for 4 $\frac{1}{2}$ " drill pipe; 10" flange, 3000# W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down. Initially rams will be pressure tested for not less than 2000# for leaks and will be checked and closed once a day while drilling operations are underway.
 - B. Fill and kill lines (2" tubing or heavy duty line pipe) with manifold are to be connected to the 2" valves on the casing head.
5. Auxilliary Equipment:

A float valve is to be used in the bottom drill collar at all times. The standpipe valve will be kept in good working condition, and a safety valve that can be stabbed into the top of the drill pipe or drill collars will be kept on the derrick floor in a handy position at all times.
6. Anticipated Pressures:

The shut-in pressures of the potential pay zones found in

the Hermosa, Paradox, and Mississippian formations at the corresponding depths are as follows:

Hermosa	----- 3900'	----- 2000#
Paradox	----- 6200'	----- 4500#
Mississippian	----- 7400'	----- 3000#

* These pressures are based on DST's taken on other wells in the Lisbon area.

7. Drilling Fluids:

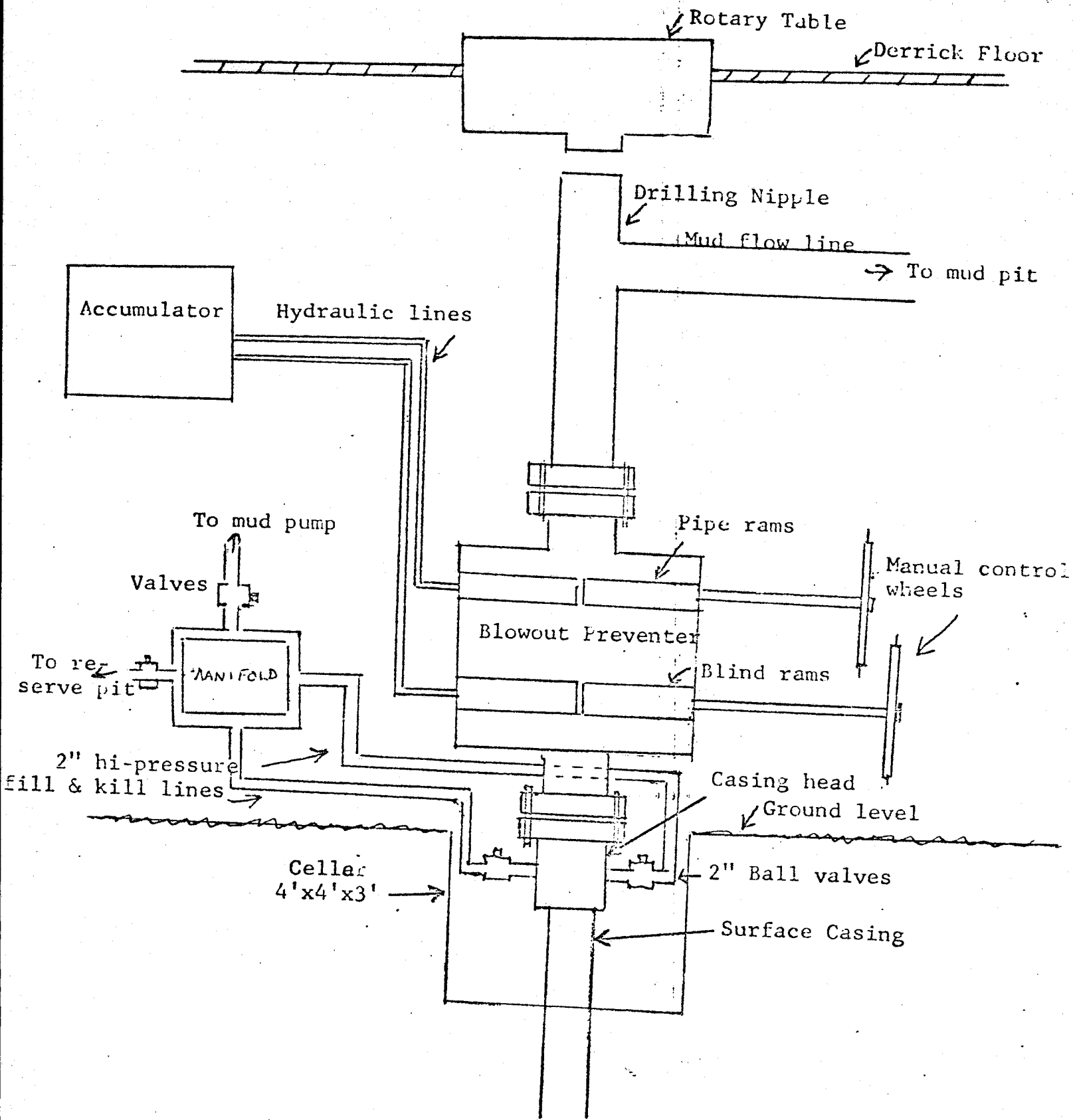
Normal fresh water mud with gel and chemicals will be used for circulation down to about 4000 ft. and then the mud system will be changed over to salt base mud. The mud weight will be kept at about 9-10 lbs/gal; and the viscosity will be kept around 35, and the water loss kept below 20 cc., if possible. At 4000 ft. the mud weight will be raised to about 10.8 to 11 lbs/gal; viscosity at 35, and water loss below 10 cc., if possible. This weight and associated hydrostatic pressure should usually keep the well under control. Abnormal pressures are known in the Paradox in the area, and care must be taken in this section to keep the well under control. There has been no indication of sour gas in the nearby wells.

8. Production Casing:

- A. Hole size for the production casing will be 7 7/8".
- B. Approx. setting depth will be about 7700'.
- C. Casing specs. are: 3700' of 4½" O.D., 11.60#, N-80, R-3 casing, and 4000' of 4½" O.D., 10.50#, K-55 casing with guide shoe and float collar and about 12 centralizers, D.V. tools, and cement baskets at the proper places, cemented with 1200 sks of regular, type "G" cement with 10% salt, and Pozmix light cement at top.
- D. The anticipated pressure at setting depth should not be greater than 3600#.

W. Don Quigley
W. Don Quigley
Consultant

SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE
POOL OIL & GAS COMPANY
HATCH PT. #27-1A WELL
NE. SW. SEC. 27-27S-21E.
SAN JUAN COUNTY, UTAH



DRILLING AND COMPLETION HISTORIES
ON
HATCH PT. (LION MESA UNIT) #27-1A
SAN JUAN COUNTY, UTAH

OPERATOR: Megadon Energy Corporation
Suite 440, 57 West South Temple, Salt Lake City, Utah

CONTRACTOR: Jacobs Drilling Co.
2467 Commerce Blvd., Grand Junction, Colo. 81501

LOCATION: NE. SW. Section 27, T 27S, R 21E, S.L.M., San Juan
County, Utah (1837' fr. W-line and 2027' fr. S-line)

ELEVATIONS: 5587' Grd; 5604' K.B.

SPUDDED-IN: April 14, 1980

SURFACE CASING: 9 5/8", 40 00#, J-55, R-3 casing set at 1070' K.B.
and cemented with 150 sks reg. cement and 200 sks of
Pozmix light w/12% gilsonite and 2% CaCl.

FINISHED DRLG: May 14, 1980

TOTAL DEPTH: 8030'

PRODUCTION CASING: 5 1/2", 20.00#, N-80, R-3 casing set at 7995' K.B.
and cemented w/175 sks RFC cement, and 1100 sks of 50-50
Pozmix with 5% gilsonite, 5% salt, and 6% gel.

PERFORATIONS: 7833-36'; 7804-28'; 2254-78'; w/one sh/ft.
7702-06'; 7620-23'; 7550-54'; 7461-64'; 7453-57'; 7448-50';
7430-32'; 7420-22'; 7411-15'; 7404-06'; 7393-95'; 7388-90';
and 7376-78'; all with 2 sh/ft.

PLUG BACK: 7745'

PRODUCING ZONE: Cane Creek of Paradox section (7378' to 7464')

INITIAL PRODUCTION RATE: Est. 50-75 bbl oil/day and 50 MCF gas/day.

✓

DRILLING HISTORY
ON
HATCH PT. #27-1A WELL
SAN JUAN COUNTY, UTAH

- Apr. 4-12: Move rig (Jacobs Drlg. Co. Rig #3 (Gardner-Denver 700) and rig up.
- Apr. 13: Broke tower at 0800. Finish rigging up. Drilled rat hole and mouse hole. Waited 3 hrs. on 14 3/4" bit to drill conductor hole.
- Apr. 14: Drilled surface hole (14 3/4") from 0-44' (44'). Waited on bit for 13 hrs. Rigged up to drill conductor hole with water. Cellar washed out real bad and had to mix mud. Repaired discharge pump.
- Apr. 15: Drilled 44' to 130' (82'). Drilled 14 3/4" hole to 48' K.B. and set 39' of 13 3/8" conductor pipe and cemented with 6 sks cement. Finished cementing at 0700 hrs. Waited on cement to cure. Welded on flow nipple to conductor pipe and rigged flow line to shaker. Began drilling below conductor pipe with 12 1/2" bit at 1700 hrs. Drilling with low viscosity mud. Drilling at avg. rate of 10 ft/hr. in Navajo sandstone.
- Apr. 16: Drilled 130' to 342' (212'). Drilling in Navajo sandstone at avg. rate of 10 to 20 ft/hr. Lost circulation at 342'. Waited on water for 1 1/2 hrs. Mixed mud and LCM. Mixed one pit of mud and recovered circulation. Est. top of Wingate at 215'.
- Apr. 17: Drilled 342' to 588' (246'). Regained circulation at 0300 hrs. Drilled ahead at avg. rate of 12'/hr. Drilled 21 hrs. this date.
- Apr. 18: Drilled 588' to 758' (170'). Drilling at avg. rate of 7 to 8'/hr. in Chinle shale. Est. top of Chinle at 617'. Survey at 636' was 3/4°.
- Apr. 19: Drilled 758' to 926' (168'). Drilling in Chinle shale at 7 to 8'/hr. Made rd-trip at 866' for new bit. Bit #1 (Reed-Y11J) made 818 feet (48' to 866') in 83 hrs. Drilled at avg. rate of about 10 ft/hr. Survey at 822' was 1/2°.

Apr. 20: Drilled 926' to 1070' (144'). New bit began drilling at rate of 14'/hr. in Chinle shale. Est. top of Shinarump at 990'; and top of Moenkopi at 1016'. Drilled to 1070' and came out of hole to run casing. Survey at 1035' was $1\frac{1}{2}^{\circ}$. Bit #2 (Security-S4T) made 204' (866' to 1070') in 22½ hrs. Drilled at avg. rate of 9 ft/hr. Ran 26 jts. of 9 5/8", 40.00#, R-3, J-55 casing and cemented with 150 sks reg. cement and 2% CaCl and 200 sks of Pozmix light with 12% gilsonite and 2% CaCl. Plug down at 1:30 A.M. Had returns to surface.

Total Cost to Date: \$138,881.00

Apr. 21: Finished running casing and cemented as above. Waited for cement to set. Began nipping up at 2 P.M. Cut off casing and welded on head. Installed B.O.P., Hydrill, and rotating head.

Apr. 22: Installed blowie line. Laid down 8" collars, checked blind rams to 2000# for leaks. Installed compressors. Went in hole with 8 3/4" button bit (Hughes Tool Co. J33). Picked up 21, 6 3/4", drill collars (647' with subs). Found top of cement at 1045'. Drilled out cement and dried up casing. Tested hydril to 2000# for leaks.

Apr. 23: Drilled 1070' to 1863' (793'). Began drilling ahead with air. Drilling at avg. rate of 40 to 50'/hr. Dusting good. Survey at 1670' is 1° .

Apr. 24: Drilled 1863' to 2791' (928'). Drilling at avg. rate of 40'/hr. Estimate top of Cutler at 1890'. Cuttings got damp at 2250' and dusting gradually decreased. Converted to air-mist at 2330'. Drilling at avg. rate of 40'/hr. Survey at 2150' was $1\frac{1}{2}^{\circ}$; at 2633' - $1\frac{3}{4}^{\circ}$. Estimate top of Rico at 2970'.

Apr. 25: Drilled 2791' to 3368' (577'). Drilling in Hermosa formation at avg. rate of 30'/hr. Estimate top of Hermosa at 3030'. Brown limestone at 3100' had slight oil stain and fluor. Drilling alternately in limestone, shale, and hard type sandstone. Survey at 3050' is $1\frac{1}{2}^{\circ}$.

Apr. 26: Drilled 3368' to 3866' (498'). Drilling in Hermosa limestone, shale and ss. at avg. rate of 20'/hr. Survey at 3540' is $2\frac{1}{2}^{\circ}$.

Apr. 27: Drilled 3866' to 4159' (293'). Drilling in dolomite, cherty limestone, at avg. rate of 12 to 15'/hr. Survey at 4050' is $1\frac{3}{4}^{\circ}$.

Apr. 28: Drilled 4159' to 4161' (502'). Encountered blk shale at 4200', and phosiliferous limestone (Ismay?) at 4250'. Marked increase in drilling rate at this point. Top of salt at 4455'. Drilling in salt and anhydrite.

Apr. 29: Drilled 4661' to 5463' (802'). Drilling in anhydrite, blk shale and salt. Occasional gas kick of 5 to 10 units on connections. Oil shows in sandy and vugular anhydrite. Good gas kick, 80 units, after survey. Survey at 4865' is 3° .

Total Cost to Date: \$224,000.

Apr. 30: Drilled 5463' to 5765' (302'). Made rd-trip at 5668' for new bit. Bit #3 (HTC-J33) made 4598' (1070' to 5668') in 163 hours. Drilling at avg. rate of 28'/hr. Survey at 5590' was $4\frac{1}{2}^{\circ}$. Changed rubber on rotating head and installed collar mule on derrick board. Had 224 units of gas after survey. Drilling in salt, anhydrite, and black shale beds.

May 1: Drilled 5765' to 5990' (215'). Went into blk. sooty, asphaltic, anhydrite at 5985' and got stuck. Had 85-90 units of gas at top (no methane - 35-40 units propane). Took $4\frac{1}{2}$ hrs. to get unstuck. Spotted 2 bbl. diesel to get unstuck. Came out of hole to collars to mud up. Mixed mud. Visc. 65, LCM - 15%, W.L. - 12cc. Pumped in 350 bbl., no returns (should take about 500 bbls.).

May 2: Drilled 5990' to 6102' (112'). Mixed second pit of mud (salt water and salt gel). Changed liner in pump. Pumped in 150 bbl. mud and gained circulation at 0700 hrs. Ran in 22 stds. to approximately 2900' and broke circulation.

Circulated for one hour. Ran 22 more stds to approx. 4900' and broke circulation. Circulated for one hour, and went on to bottom slowly. Reamed 30', began drilling ahead at 1500 hrs. Drilled with salt mud at 6' to 20' per hr. Had 650 units after trip.

May 3: Drilled 6102' to 6555' (453'). Drilling ahead in salt and anhydrite at 6' to 20'/hr. Still in Paradox.

May 4: Drilled 6555' to 7006' (451'). Drilling at avg. rate of 20 ft/hr. in salt and anhydrite. Survey at 6770' was 2°.

Total Cost To Date: \$281,050.00

May 5: Drilled 7006 to 7417' (411'). Drilled in salt to 7380'. Had reverse drilling break at 7380'. Drilling 10 to 35'/hr. Had large gas kick on mud at 7410'. Mud is highly gas cut, strong gas odor and carrying light green oil.

May 6: Drilled 7417' to 7450' (33'). Decided to run DST. Pits are overflowing. Mud has good cut of light green oil and continues to be highly gas cut. Mud weight down to 9.2#. Circulated and conditioned mud for 4 hours. Came out of hole for DST #1. Waited on Johnson Testers for 4 hours. Picked up test tool and went in hole.

May 7: On bottom with test tool at 0400 hours. Ran DST #1 as follows:

DST #1: 7389' to 7450' (61')

Initial Flow: 5 min.

Shut-in: 45 min.

Final Flow: 2 hrs.

Final Shut-in: 2½ hrs.

Blow: Strong blow immediate and continuing thru-out test - gas to surface in one minute. 390 MCF. Est. 20 bbls green oil with 44 gravity at 90°.

Sample Chamber: 1000# pressure, 4.27 cu. ft. gas, 1000 cc. oil, 2000 cc. highly gas cut oil. No water.

Init. Hydro: 4018#
 Init. Flow: 300#
 I. S. I.: 3990#
 F. H.: 3995#
 F. F.: 355-950#
 F. S. I.: 3370# and still building.

Bottom Hole Temperature: 120°

Laid down test tool and started back in hole with Bit #4.

May 8: Drilled 7450' to 7510' (60'). Mud has lots of gas and oil from tested zone. Took 14 hours to condition mud and work back to bottom. On bottom at noon and began drilling ahead. Drilling in dolomite, anhydrite and blk. shale; had increase in gas and oil in mud at 7458' to 7462'. Had thin salt bed at 7470' to 7500'.

May 9: Drilled 7510' to 7633' (123'). Drilling slow (2'/hr.) from 7500' to 7535'. Had another thin salt bed at 7533' to 7552'. Slow drilling - 2'/hr. from 7552' to 7571'. Another thin salt bed at 7571' to 7582'. Had additional oil and gas zones at 7601' to 7605', and 7608' to 7615'. Drilling at 4'-5'/hr. in dolomite and blk. shale.

May 10: Drilled 7633' to 7741' (108'). Drilling in brown cherty dolomite and limestone. Had red soft shale at 7690' to 7749', then light grey, chalky limestone at 7740', which is top of Mississippian. (Leadville) formation.

TOTAL COST TO DATE: \$343,198.

May 11: Drilled 7741' to 7843' (102'). Had 400 Unit gas kick at 7820' and yellow oil stain and droplets on chalk. Gas low in methane, but high in C₂ and C₃. (No apparent porosity in the chalk.)

May 12: Drilled 7843' to 7942' (99'). Encountered dolomite at 7900' and sucrosic dolomite at 7920', some with vugs and w/slight oil stain - gas kick of 600 units. Drilled to 7942' and decided to test. Circulated and conditioned mud for DST #2. Started out of hole. Survey at 7875' was 3°.

May 13: Finished trip out of hole. Picked up test tool and went back in hole. On bottom at 10:30 A.M. and ran DST #2 as follows:

Interval: 7807-7942' (135')
 Init. Flow: 5 min.
 Init. Shut-in: 45 min.
 Final Flow: 2 hrs.
 Final Shut-in: 3 hrs.
 Blow: Moderate blow thru-out test (2-5#). No flammable gas to surface.
 Rec.: 5800' Fluid (550' of oil cut mud - Est. 10% oil, and 5250' of blk sulphur water.
 Res.: .21 ohms at 61° (55,000 ppm chlorides)
 Sample Chamber: No pressure - 7200 cc. of black sulphur water.
 Pressures: I.H. - 4250 F.H. - 4250
 I.F. - 140-620# F.F. - 650-2750
 I.S.I. - 2880# F.S.I. - 2875#
 B.H.T. - 127°.

Laid down test tool. Cut off drilling line.

May 14: Drilled 7942' to 8030' (88'). Drilled to 8030' in sucro-sic, vugular dolomite and had no additional shows. Decided this was deep enough. Conditioned mud and circulated hole for 6½ hrs. in preparation to log.

May 15: Finished circulating hole and came out of hole. Began logging at 0630 hrs. Ran Gamma Dual Laterolog and Gamma-Density-CNL logs.

May 16: Finished logging at 0200 hrs. Logs showed two possible production zones in the Mississippian and about 16 ft. of porosity (10-18%) in the Cane Creek zone. Waited on casing. Started in hole at 3 P.M. On bottom at midnight.

May 17: Circulated and conditioned mud for 4½ hrs. and started out of hole laying down pipe. Finished laying down pipe at 6 P.M. Unloaded casing and began running casing.

May 18: Finished running casing at 0800 hrs. Ran 190 jts of 5½", 20.00#, N-80, R-3 casing and landed at 7995'. Cemented

with 175 sks RFC cement on bottom and 1100 sks of 50-50 Pozmix w/5% gilsonite, 5% salt, and 6% gel in two stages. Installed float collar at 7954' (42' from bottom); Pengo tool at 7475' to 7360' (520' to 635' from bottom); and DV tool at 6505' (1490' from bottom). Waited 3½ hrs between cement stages. Inflated packers on Pengo Tool. First cement plug down at 1:15 P.M. Second plug down at 6:30 P.M.

May 19: Waiting on cement to set. Cut-off casing after 2:30 A.M. Released rig at 8 A.M.

J. Don Gungley

change
eff. March 30, 198

** FILE NOTATIONS **

DATE: Nov 20, 1979 Megadon Energy
Operator: Pool Oil and Gas Co.
Well No: Hatch Point Federal #27-1A
Location: Sec. 27 T. 27S R. 21E County: San Juan
File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒

☐ API Number 43-037-30518

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: 7

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. _____ O.K. Rule C-3 ☒
Rule C-3(c), Topographic Exception/company owns or controls acreage
within a 660' radius of proposed site ☐
Lease Designation Fed Plotted on Map ☒

Approval Letter Written ☒
ltm

#1

NE
PI

November 29, 1979

Pool Oil and Gas Company
817 17th Street, Suite 309
Denver, Colorado 80202

Re: Well No. Hatch Point Federal #27-1A
Sec. 27, T. 27S, R. 21E.,
Sand Juman County, Utah

Insofar as this office is concerned, a-proval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30518.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-20016

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Hatch Pt. #27-1A

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANE.SW. Sec. 27-27S-21E.
S.L.M.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	2. NAME OF OPERATOR MEGADON ENERGY CORPORATION
3. ADDRESS OF OPERATOR SUITE 440, 57 WEST SOUTH TEMPLE, SALT LAKE CITY, UTAH	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE. SW. Sec. 27, T 27S, R 21E., S.L.M. 1837' fr. W-line and 2027' fr. S-line
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5587' Grd; 5605' K.B.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

INFORMATION

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was spudded in on April 14, 1980. Drilled 14 3/4" hole to 48' K.B. and set 39' of 13 3/8" conductor pipe and cemented with 6 sks cement. Drilled to 1070' and came out of hole to run casing. Ran 26 jts. of 9 5/8", 40.00#, R-3, J-55 casing and cemented with 150 sks reg. cement and 2% CaCl and 200 sks of Pozmix light with 12% gilsonite and 2% CaCl. Had returns to surface.

The subject well was drilled to a total depth of 8030' which is 290' into the Mississippian formation. Ran 190 jts. of 5 1/2", 20.00#, N-80, R-3 casing and landed at 7995'. Cemented with 175 sks RFC cement on bottom and 1100 sks of 50-50 Pozmix w/5% gilsonite, 5% salt, and 6% gel in two stages. Installed float collar at 7954' (42' from bottom); Pengo tool at 7475' to 7360' (520' to 635' from bottom); and DV tool at 6505' (1490' from bottom). The initial production rate of this well is not available at this time.

Completion of this well will be accomplished as soon as equipment is available.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE President

DATE May 15, 1980

(This space for Federal or State office use)

APPROVED BY

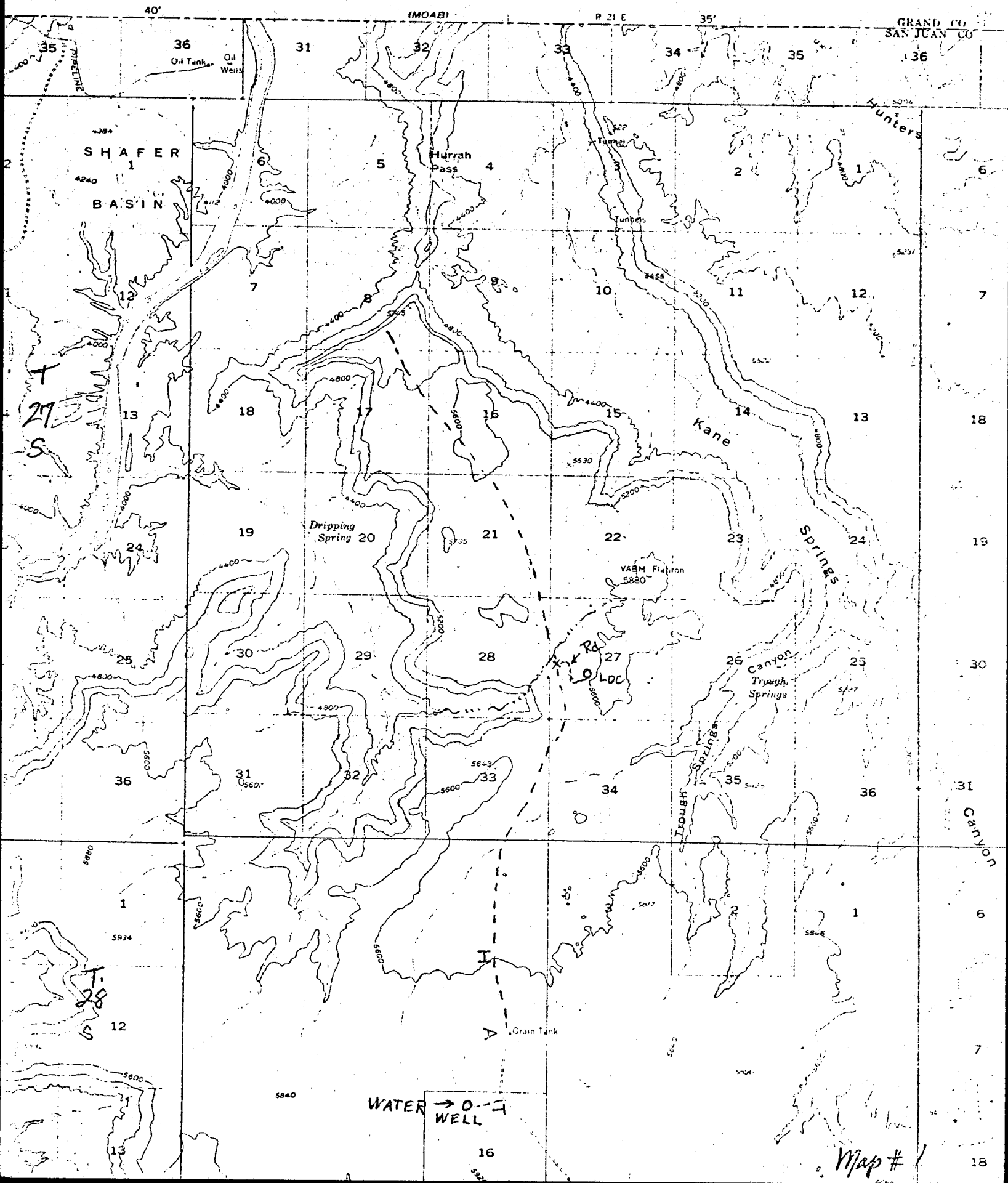
TITLE

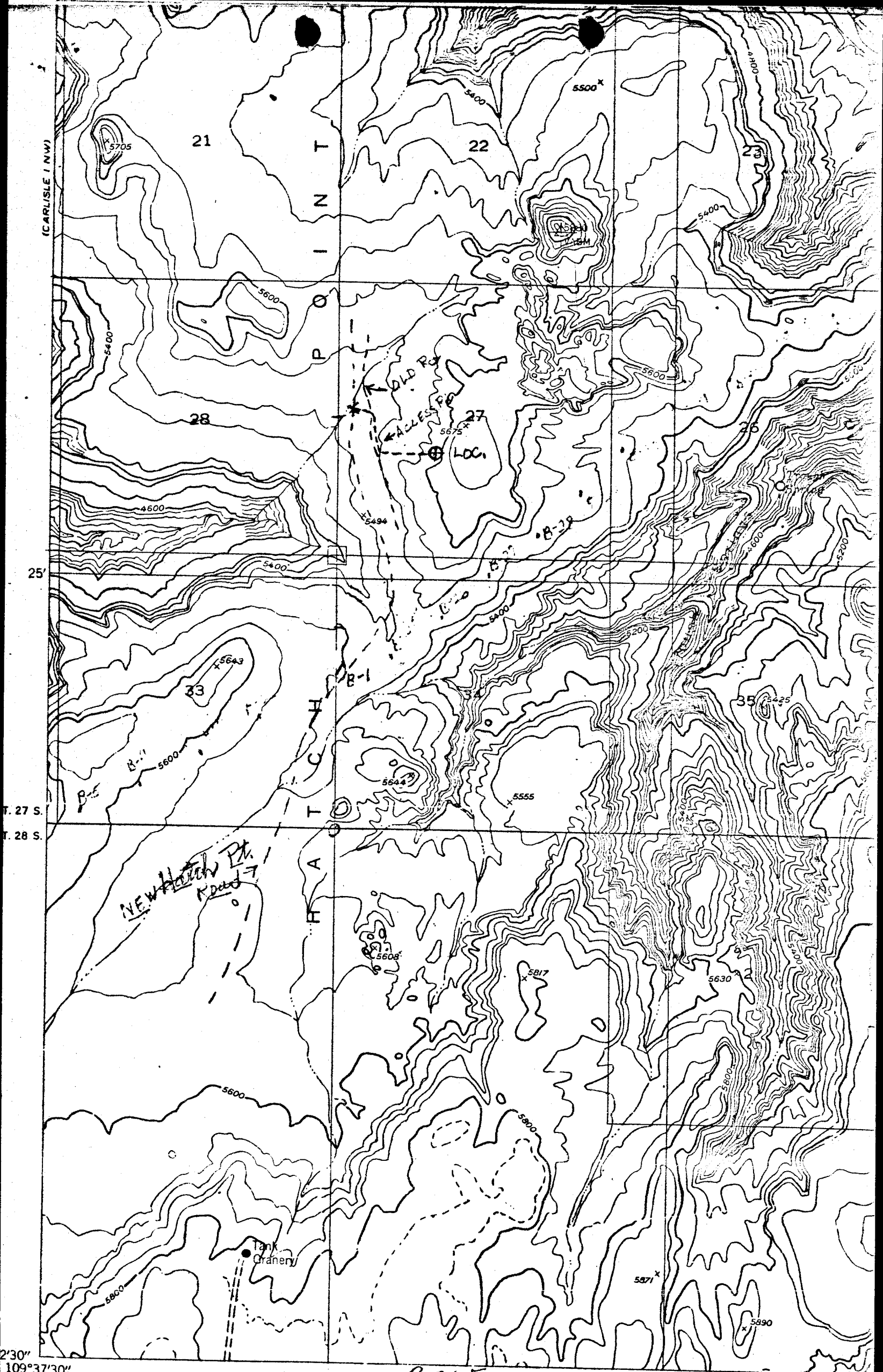
DATE

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF
OIL, GAS & MINING

*See Instructions on Reverse Side





2'30"
109°37'30"

Mapped by the Geological Survey 1954
Topography by multiplex methods from
aerial photographs taken 1953

R. 21 E.

35'
MAP # 2.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-20016

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

LION MESA

8. FARM OR LEASE NAME

HATCH PT.

9. WELL NO.

FED. #27-1A

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREANE.SW. Sec.27-27S-21E.
S.L.M.12. COUNTY OR
PARISH

SAN JUAN

13. STATE

UTAH

1a. TYPE OF WELL:

OIL
WELL☒GAS
WELL☐

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW
WELL☒WORK
OVER☐DEEP-
EN☐PLUG
BACK☐DIFF.
RESVR.☐

Other

2. NAME OF OPERATOR

MEGADON ENERGY CORPORATION

3. ADDRESS OF OPERATOR

SUITE 440, 57 W. SO. TEMPLE, SALT LAKE CITY, UTAH

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

NE. SW. SECTION 27, T 27S, R 21E., S.L.M.

At top prod. interval reported below

At total depth 1837' fr. W-line and 2027' fr. S-line

14. PERMIT NO.

DATE ISSUED

43-037-30518

11-23-79

15. DATE SPUDDED

4-14-80

16. DATE T.D. REACHED

5-14-80

17. DATE COMPL. (Ready to prod.)

6-27-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

5587' Grd; 5604' K.B

19. ELEV. CASINGHEAD

5588'

20. TOTAL DEPTH, MD & TVD

8030'

21. PLUG, BACK T.D., MD & TVD

7745'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-8030'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7378' to 7464' (Cane Creek zone in Paradox Section)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DUAL-INDUCTION-LATEROLOG; GAMMA-DENSITY-CNL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	40.00	1070'	12 1/4"	350 sks	None
5 1/2"	20.00	7995'	8 3/4"	1275 sks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

7754-78'; 7804-28'; 7833-36'; (Miss.)
7376-78'; 7388-90'; 7393-95';
7404-06'; 7411-15'; 7420-22';
7430-32'; 7448-50'; 7453-57';
7461-64'; 7550-54'; 7620-23';
33.* 7702-06'

Paradox

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7350-7500'	9 bbl 28% Hcl acid and 138 bbl (30% diesel) and 70% acid (15% Hcl)

PRODUCTION

DATE FIRST PRODUCTION

June 10, 1980

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Swabbing

WELL STATUS (Producing or
shut-in)

Shut-in

DATE OF TEST

June 10-27

HOURS TESTED

32

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

500+

OIL—BBL.

GAS—MCF.

500 MCF

WATER—BBL.

None

GAS-OIL RATIO

1000:1

FLOW. TUBING PRESS.

0

CASING PRESSURE

150#

CALCULATED
24-HOUR RATE

OIL—BBL.

50-75 bbl

GAS—MCF.

50

WATER—BBL.

None

OIL GRAVITY-API (CORR.)

40° at 80°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

W. Don Quigley

35. LIST OF ATTACHMENTS

DRILLING & COMPLETION HISTORIES & GEOLOGIC COMMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

W. Don Quigley

TITLE

PRESIDENT

DATE

JULY 14, 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

WEEKLY COMPLETION REPORT

ON

HATCH PT. #27-1A WELL

SECTION 27-27S-21E

SAN JUAN COUNTY, UTAH

- May 30: Gibson Well Service rig arrived on location at 1 P.M. Rigged up. Built in cellar, mouse hole, and rat hole. Fenced 4th side of reserve pit. Dug ditch from cellar to mud tank. Unloaded 259 jts. of 2 3/8" hydril tubing. Sent crew home. Cost: \$1800.00.
- May 31: Crew arrived at 0800 hrs. Went to bottom with tubing; tagged bottom at 7945' K.B. Coming out of hole with tubing and bit at 0930 hrs, and out of hole at 1400 hrs. Assembled tubing head and installed on casing flange and installed B.O.P. on tubing head. Sent crew home at 1600 hrs.
- June 1: Sunday-- didn't work.
- June 2: Running bond log and swabbing. Crew arrived at 0800 hrs. Schlumberger arrived at 0845 hrs. Began logging at 0945 hrs, finished at 1330 hrs. Perforated 7833' to 7836'; 7804-28'; 7754-78' with one sh/ft. Finished perforating at 1500 hrs. Picked up bridge plug and packer and went in hole. Set bridge plug at 7856', and packer at 7794'. Sent crew home at 1600 hrs.
- June 3: Present operation - acidizing. Crew arrived at 0800 hrs. No pressure on tubing or casing. Rigged up to swab. Made 8 runs and swabbed dry at 10:30 hrs. Waited 1/2 hr and made another run and recovered about 10 gals. lt. brn. oil plus water. Waited one hr. and made another run and recovered nothing; waited one hr. and recovered oil cut mud and water (probably drlg. fluid). Waited one hr. and recovered nothing. 1500 hrs: Shut well in and sent crew home.
- June 4: Preparing to acidize zone 7754' to 7778'. Crew arrived at 0800 hrs. Halliburton arrived at 0800 hrs. No pressure on tubing or casing. Made one run with swab; no recovery. Rigged up to acidize 7804' to 7836' with 500 gal. 10% HCL acid. Tried to break down formation prior to acid reaching the perforations without success. Pumped up to

5000# many times. Packer leaked, so reset packer at 7786'. Spotted acid on perfs and pumped up to 6000# many times and let bleed back to 5000#. Pumping in 2-3 gal. acid each time. Formation would not break down. Finally after 6 hrs, decided to reverse acid out of tubing. Est. that less than 3 bbl. or 125 gal. acid went into formation. Reset packer at 7724' above upper set of perfs to determine if they were open and could be broken down. Pumped up to 5600# and formation began taking fluid. Will treat these perfs in the morning. Shut well in at 1830 hrs and sent crew home.

June 5: Crew arrived at 0800 hrs. Halliburton arrived with 1000 gal more HCL acid. No pressure on tubing or casing. Pulled up on packer to open bypass and tried to circulate down tubing. Pressured up, bypass was closing. Pulled packer loose and spotted acid near perfs and reset packer. Pumped 1500 gal acid at 2.2 bbl/minute rate. Formation broke at 5300#, and gradually broke back to 4000#. Flush fluid pumped in at 3800 to 3500#. Dropped 30 ball sealers and had good ball action. Instant shut-in was 2800# and decreased to 2200# in 15 minutes. Left well shut-in for 30 minutes and began flowing back. Well flowed back 6 bbl. fluid in 30 minutes, swabbed back 32 bbls in 1½ hrs. Made a run every ½ hr. and recovered ½ to 1 bbl. each time thereafter. Began getting odor and small flow of gas on last 2 runs plus slight film of oil. Recovered 41½ bbl fluid out of 64 bbls injected. Shut well in at 1800 hrs, and sent crew home.

June 6: Crew arrived at 0800 hrs. No pressure on casing or tubing. Made one swab run; recovered 4½ bbls. fluid with scum of oil on top with good flow of gas while swabbing. Second and third runs, at ½ hr. intervals, recovered no fluid but had good flow of gas. Decided to come out of hole with packer and bridge plug and perforate Cane Creek zone (Pengo tool). Filled hole with fluid; waited on Schlumberger for 3½ hours. Set Baker Bridge Plug at 7745'. Perforated Pengo tool at

7384-86' and 7458-60' with 3 sh/ft. Finished perforating at 1830 hrs. 1900 hrs: shut well in and sent crew home.

- June 7: 0800 hrs: Crew arrived. Casing pressure - 1500#. Assembled tubing anchors with one jt. tubing (bull plugged) on bottom for mud anchors, then 4' perforated pup, then a seating nipple. Opened well to blow down. Flowed $\frac{1}{2}$ bbl. green oil and then gas cut mud. Let flow for 15 minutes and settled to a small $\frac{1}{2}$ " continuous stream. Went in hole with tubing and landed seating nipple at 7370' K.B. Assembled tubing head: set tubing on doughnut and bolted on top flange. Began swabbing at 1130 hrs. Swabbed continuously until 1800 hrs. and shut well in. Recovered approximately 200 bbl. highly gas and oil cut mud. 1830 hrs: Sent crew home.
- June 8: Sunday - crew didn't work. 1100 hrs: Casing pressure - 175#; Tubing pressure - 0#. Opened well; small pressure head blew down in 2 minutes.
- June 9: Crew arrived at 0800 hrs. Casing pressure - 250#; Tubing Pressure 0#. Opened well and made 2 swab runs; recovered $2\frac{1}{2}$ bbls oil and 10 bbls. of spent acid water. Filled hole with brine water, circulated out 10 bbls oil. Had strong flow of gas from casing for 15 minutes. Installed B.O.P., came out of hole with tubing. 1400 hrs: began perforating additional zones. Perforated following zones with 2 sh/ft: 7702-06'; 7620-23'; 7550-54'; 7461-64'; 7453-57'; 7448-50'; 7430-32'; 7420-22'; 7411-15'; 7404-06'; 7393-95'; 7388-90'; and 7376-78'. Finished perforating at 1730 hrs. Went in hole with tubing and landed seating nipple at 7370'. Shut well in and sent crew home at 1930 hrs.
- June 10: Crew arrived at 0800 hrs. Casing pressure 375#; Tubing pressure 350#. Opened well and started flowing oil and load water (brine water).

<u>Time</u>	<u>Tank Gauge</u>	<u>No. Bbls.</u>	<u>% Oil</u>	<u>Casing Pres.</u>
0815	2'3"	91.8	100%	
0900	2'4"	95.8	50%	

<u>Time</u>	<u>Tank Gauge</u>	<u>No. Bbls.</u>	<u>% Oil</u>	<u>Casing Pres.</u>
1000	2'4½"	96.4	0%	
Began Swabbing				
1300	3'9¾"	163	10%	200#
1400	4'2"	181	15%	50#
1500	4'7"	202	20%	50#
1600	4'11"	218	25%	75#
1700	5'2"	231	50%	100#
1800	5'5½"	245	50%	100#

1830 Hrs: Shut well in and sent crew home.

June 11: Crew arrived at 0800 hrs. Casing pressure - 250#; Tubing pressure - 150#. Fluid level 5300' below surface.

<u>Time</u>	<u>Tank Gauge</u>	<u>No. Bbls.</u>	<u>% Oil</u>	<u>Casing Pres.</u>
0830	5'5"	243		250#
0900	5'8"	256	75%	225#
1000	6'½"	273	90%	220#
1100	6'4"	289	90%	200#
1200	6'5½"	295	100%	200#
1300	6'6"	298	100%	200#
1400	6'7"	302	100%	200#
1500	6'7½"	304	100%	175#
1600	6'7 3/4"	305	100%	175#
1700	6'8"	306	100%	175#
1800	6'8½"	307	100%	175#

Shut well in and sent crew home at 1830 hrs.

June 12: Crew arrived at 0800 hrs. Casing pressure - 250#; Tubing pressure - 75#. Fluid level 6300' below surface. Began swabbing at 0830 hrs.

0830	6'8"	306	100%	250#
0900	6'10½"	315	"	225#
1000	7'0"	323	"	200#
1100	7'½"	325	"	175#
1200	7'1"	327	"	100#
1300	7'1 1/8"	328	"	75#
1400	same	"	"	60#
1500	"	"	"	"
1800	"	"	"	100#

1830 hrs: Shut well in and sent crew home. Well swabbed 22 bbls. oil this day.

June 13: Crew arrived at 0800 hrs. Tubing pressure 50#; Casing Pressure 200#. Fluid level at 6300' from surface. Began swabbing at 0830 hrs.

<u>Time</u>	<u>Gauge</u>	<u>Bbls.</u>	<u>Casing Pressure</u>
0830	7'1"	328	200#
0900	7'3"	335	200#
1000	7'4 3/4"	342	200#
1100	7'5 1/4"	345	200#
1200	7'5 1/2"	346	200#
1300	7'5 3/4"	347	175#
1400	7'6"	348	150#

1400-1600 hrs: Pumped in 160 bbls salt water to kill well. Lots of oil circulated on casing side. Installed B.O.P. Started out of tubing to pick up bridge plug and packer at 1630 hrs. Went back in hole with bridge plug and packer. Set bridge plug at 7722' K.B. Tried to set packer but tubing string backed off. Tried to stab and screw it together without success. 2100 hrs: Shut well in and sent crew home.

June 14: Crew arrived at 0800 hrs. Came out of hole to pick up overshot. Found wrong slips in overshot and had to get another slip from Vernal. 1400 hrs: Went in hole with overshot; caught fish after many times and started out of hole. Out of hole without fish at 2030 hrs. Fish dropped off somewhere in hole. Shut well in and sent crew home.

June 15: Sunday - crew didn't work.

June 16: 0800 Casing pressure - 25#. Opened well; flowing gas. 0915 - crew arrived. Went in hole with Dotco Overshot. Well continuing to flow gas. 1100-1600 hrs: tried to stab and rotate overshot over fish without success. Came out of hole. Found that overshot and mill ring were not getting down over end of tubing. Collar split. Will run an impression block in the morning. Shut well in and sent crew home at 1800 hrs.

- June 17: 0800 hrs: Crew arrived, and Dotco man with fishing tools on location. Went in hole with impression block and found tubing collar is split and has 3 prongs sticking up and 3 bent down. 1000-1500 hrs: Waiting on tapered tap spear from Vernal. Went in hole with tap and tried many times to catch hold of fish without success. Well started to flow oil while going in hole with tap. Shut well in and sent crew home at 2030 hrs.
- June 18: 0800 hrs: Started out of hole with tubing and tap and ran in with impression block again. Went in hole with spear and jars, cut fish, came out of hole. 1900 hrs: Shut well in and sent crew home.
- June 19: 0800 hrs: Crew arrived. Picked up new packer and went in hole. Set packer at 7686'. Filled hole with fluid and circulated through packer bypass for 15 min. Spotted acid emulsion at perfs - 7402-06' - and closed bypass. Pumped in acid very slowly at maximum pressure of 5750#. Formation refused to break down appreciably. Had to let pressure back off many times. Maximum pump rate - $\frac{1}{2}$ bbl/minute. Took 3 hours to pump in 18 bbl. (750 gal.) of acid emulsion. Let acid set for 30 minutes, and then began swabbing back. Made 5 runs and tubing was dry. Swabbed out 24 bbls. load water. No spent acid water.
1830 hrs: Shut well in and sent crew home.
- June 20: Crew arrived at 0800 hrs. Began swabbing. Made 5 runs and swabbed $4\frac{1}{2}$ bbl fluid (acid water with slight cut of green oil). Recovered $28\frac{1}{2}$ bbl of 44 bbl injected. Moved bridge plug to 7660' and packer to 7598' (straddle perfs at 7620' to 7623'). Spotted 500 gal. of 28% Hcl acid on perfs, followed by 750 gal. of super emulsion acid (23 bbl in all). Closed by-pass and pumped acid in. Formation broke down at 4750# and pumped acid in at 4700# at $1\frac{1}{2}$ bbl/min. rate. Pumped in 17 bbl and suddenly got communication thru perfs at 7550-54'. Moved packer to 7505' and pumped in 6 remaining bbl of acid emulsion and over displaced with 43 bbl of brine water at 4250# at $1\frac{1}{2}$ bbl/min rate. Immediate shut-in pressure was 3950#. 15 minute shut-in was 3950#.

1445 hrs: Opened well and started flowing back at 4 bbl/hr rate. Let flow for 2 hrs. at this steady rate. Connected up swab and began swabbing.

1630 hrs: 4'2½" T.G. 183 bbl.

1730 hrs: 4'7" T.G. 202 bbl.

1830 hrs: 4'9" T.G. 210 bbl.

1830 hrs: Shut well in and sent crew home. Recovered 36 bbls. of frac fluid (30 bbl yet to go).

June 21: 0800 hrs: Crew arrived. No pressure. Began swabbing. Fluid level at 1000 above seating nipple (6500' below surface).

0830 hrs: 4'9" T.G. 210 bbl.

0930 hrs: 4'11" T.G. 218 bbl.

0945 hrs: 4'11" T.G. 218 bbl.

Recovered 44 bbls of the 66 bbls of fluid injected.

Moved bridge plug to 7500' and packer to 7350'. Treated perfs 7388' to 7464' with 9 bbl 28% acid and 138 bbl. of acid emulsion (15% Hcl and diesel) and over displaced with 85 bbl Kcl water. Formation broke at 4000# and pumped in at 4200# to 4800# at 3½ to 4 bbl/min. rate. Dropped 40 ball sealers. Had some ball action. Instant shut-in was 3300#; 15 min. shut-in was 3200#. Opened well at 1615 hrs. and began flowing back.

<u>Time</u>	<u>Gauge</u>	<u>Bbls.</u>	<u>Diff.</u>	<u>Material</u>
1615	4'11"	218	0	H ₂ O + acid
1645	6'8"	306	88	
1715	7'3"	335	29	H ₂ O + oil
1745	7'7½"	354	19	H ₂ O + oil
1815	7'10"	365	11	oil
1845	8'1½"	378	13	oil
1915	8'3½"	388	10	oil
2145	8'11"	419	31	oil

June 22: Sunday - Crew didn't work. 0300 hrs: 9'5"; 440 bbls (222 bbls of 240 injected returned but much of returned fluid was oil). Well quit flowing due to packer leaking. Well trying to flow on casing side. 0300 hrs: Shut well in.

June 23: 0800 hrs: Crew arrived. Tubing pressure 1000#; Casing pressure 0#. Pulled packer loose and opened well.

Flowed 30 bbl oil in 15 min. Stopped flowing for a brief period, so killed it with salt water. Came out of hole with packer and bridge plug. Went back in hole with hydrill tubing, with 1 jt. of open ended tubing and a 4-ft. perforated pup joint below the seating nipple. Landed seating nipple at 7350' K.B. Removed B.O.P. and put on tubing head. 1630 hrs: began swabbing.

1630 hrs:	6'11" T.G.	319 bbls. oil
1730 hrs:	7'8" T.G.	356 acid, H ₂ O + oil
1830 hrs:	8'2" T.G.	382 "
1930 hrs:	8'9" T.G.	411 "
2000 hrs: Shut well in and sent crew home.		

June 24: 0800 hrs: Tubing pressure 300#; Casing pressure 250#.
 0915 hrs: Crew arrived. Drained acid water off tank.
 Tank gauge 7'½"; 324 bbls. oil.
 1000 hrs: Began swabbing. Fluid level at 800 ft. from surface.

1000 hrs:	7'½" T.G.	324 bbl.	Flowed oil
1030 hrs:	7'2½" T.G.	332 bbl.	Flowed oil
1100 hrs:	7'6" T.G.	348 bbl.	Load water
1200 hrs:	7'9½" T.G.	362 bbl.	Load water
1300 hrs:	8'2" T.G.	381 bbl.	Load water + oil
1400 hrs:	8'6" T.G.	398 bbl.	½ load H ₂ O + ½ oil
1500 hrs:	8'10" T.G.	415 bbl.	oil
1600 hrs:	9'2" T.G.	430 bbl.	oil
1700 hrs:	9'6½" T.G.	445 bbl.	oil

Fluid level staying at 1500' from bottom. Rigged down and drained water off tank; 7'10½" - 367 bbls. oil in tank.

1930 hrs: Finished rigging down and sent crew home.

June 25: 0815 hrs: Crew arrived; tubing pressure 200#; casing pressure 300#. Tank gauge 7'9", 361 bbl. oil. Rigged up again since Trend wanted more production data.
 1000 hrs: Opened well on 8/64" choke. Flowed gas till
 1030 hrs. - no oil. 1030 hrs: Began swabbing. Fluid level at 2300' above bottom (5000' K.B.).

1130 hrs:	8'1½" T.G.	378 bbl	oil
1230 hrs:	8'2" T.G.	382 bbl	H ₂ O + oil
1330 hrs:	8'5" T.G.	395 bbl	oil
1430 hrs:	8'9" T.G.	411 bbl	oil

1530 hrs: 9'2" T.G. 430 bbl oil
 1630 hrs: 9'8" T.G. 450 bbl oil
 1730 hrs: 10'1" T.G. 464 bbl oil
 1830 hrs: 10'7 $\frac{1}{4}$ " T.G. 479 bbl oil
 Fluid level staying about 2000' (5300' K.B.).
 1830 hrs: Shut well in and sent crew home.

June 26: 0800 hrs: Casing pressure 425#; Tubing pressure 200#.
 Crew arrived at 0830 hrs. 0845 hrs: Opened well on
 12/64" choke; blew gas and mist of oil. Drained acid
 water off tank. Gauge after was 9'6"; 444 bbls. of oil.
 Drained 35 bbl. of acid water off. 0915 hrs: Started
 swabbing in new tank. Found fluid level at 2500' (4800'
 K.B.) 0' Tank Gauge.

1000 hrs:	6" T.G.	15 bbl. oil	400# C.P.
1100 hrs:	10" T.G.	29 bbl. oil	375# C.P.
1200 hrs:	1'1 $\frac{1}{2}$ " T.G.	38 bbl. oil	350# C.P.
1300 hrs:	1'2 $\frac{1}{2}$ " T.G.	45 bbl. oil	275# C.P.
1400 hrs:	1'3 $\frac{1}{2}$ " T.G.	48 bbl. oil	250# C.P.
1500 hrs:	1'4 $\frac{1}{2}$ " T.G.	52 bbl. oil	200# C.P.
1600 hrs:	1'5" T.G.	55 bbl. oil	200# C.P.
1700 hrs:	1'5 $\frac{1}{2}$ " T.G.	57 bbl. oil	150# C.P.
1800 hrs:	1'6" T.G.	59 bbl. oil	150# C.P.

1830 hrs: Shut well in and sent crew home. Strong
 gas flow continuous thru-out day. Est. 150-200 MCF/D.

June 27: 0800 hrs: Casing pressure 300#; Tubing pressure 150#.
 Fluid level 1500' (5800' K.B.).
 0900 hrs: Began swabbing.

0900 hrs:	1'6" T.G.	59 bbl. oil	300# C.P.
1000 hrs:	1'7 $\frac{1}{2}$ " T.G.	64 bbl. oil	200# C.P.
1100 hrs:	1'8 $\frac{1}{2}$ " T.G.	67 bbl. oil	200# C.P.
1200 hrs:	1'9" T.G.	70 bbl. oil	175# C.P.
1300 hrs:	1'9 $\frac{3}{4}$ " T.G.	73 bbl. oil	175# C.P.

 Rigged down. 1500 hrs: Released rig. Waiting on rods
 and pump.

H. Don Lingley

GEOLOGIC COMMENTS
HATCH PT. #27-1A WELL
SAN JUAN COUNTY, UTAH

1. The Hatch Pt. #27-1A well was drilled to a total depth of 8030' in 30 days. This depth was approx. 300 feet below the top of the Mississippian - Leadville formation. The well was drilled with a minimum of problems and was successful in obtaining oil production from the Cane Creek zone in the Paradox section of the Hermosa formation of Pennsylvanian Age. There were also shows of hydrocarbons in the samples and indications on the electric logs of a chalk zone in the Leadville formation; but tests and minor stimulation treatment failed to recover any appreciable amounts of hydrocarbon from the Leadville.
2. The drilling program for the subject well was altered some to provide for drilling a section of the well with air instead of mud. The portion of the hole from the bottom of the surface casing at 1070' to approximately 6000 feet was drilled with air and air-mist to allow faster penetration and continuous testing. This section included the Moenkopi, Cutler, Rico, and upper Hermosa formations which normally drill quite slowly when using mud for circulation. Thus several days were reduced from the drilling time and several bits eliminated by this change in the program.
3. The well was designed to test the production possibilities of a geophysical (magnetic and seismic) anomaly in the Hatch Pt. area. The geophysical data suggested the presence of a structural feature caused by a possible deep-seated uplift of ancient age (Paleozoic) which could have trapped hydrocarbons prior to the more recent orogenies in Laramide time. Since all of the presently productive fields in the Paradox Basin are found in the older structures, the above situation was highly favorable for possible accumulation of hydrocarbons. It has been found that most of the high structures (higher than surrounding structures) in the Paradox Basin are young (Laramide) structures and do not contain hydrocarbons. Thus it was hoped that the prospect structure would be found lower than some of the features drilled by prior wells. The structural datum of the Mississippian - Leadville formation was determined to be at -2135' rather than the -1590' datum which was estimated prior to the commencement of the well.

4. Prior to the drilling of the subject well, there was considerable speculation as to the thickness of the salt section which might be encountered. It was finally estimated that the salt section would be about 2650' thick. This compares with the 3135 ft. of salt which were actually drilled in the well.
5. Because of the different orogenies and tectonic movements, as well as marked differences in the thickness of the salt section in the region, there is little value and merit in comparison of datum point between the various wells in the area when they are separated by several miles. A few wells will have to be drilled on the suspected feature and fairly close together (one to four miles apart) before the actual structural and stratigraphic conditions will be fully known. These conditions are also complicated by faulting of probable different ages which can have an effect on the accumulations of the hydrocarbons in the area.
6. The formations with their tops, thicknesses, and datum points which were encountered in the Hatch Pt. #27-1A well, as determined from the electric logs, are as follows:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Navajo	Surface	170'	5605'
Kayenta	170'	10'	5435'
Wingate	180'	420'	5425'
Chinle	600'	362'	5005'
Shinarump	962'	38'	4643'
Moenkopi	1000'	890'	4605'
Cutler	11890'	810'	3715'
Rico	2700'	290'	2905'
Hermosa (Upper)	2990'	1450'	2615'
Paradox Salt	4440'*	3135'	1165'
Pinkerton Trail	7575'	155'	-1970'
Molas	7730'	10'	-2125'
Leadville	7740'	—	-2135'
TOTAL DEPTH	8030'		

*The Cane Creek zone in the Paradox Salt section was at 7380' to 7455'. A detailed sample descriptive log is attached to this report.

7. Comparison of the above data with the prognosis for the well reveals some large and small differences. There were marked variations in the thicknesses of some of the formations. The Chinle and Shinarump were much thinner than predicted; the Moenkopi was nearly 200 feet thicker; the Cutler was 120' thinner; the Rico was 40' thicker; the upper part of the Hermosa was 300' thicker; the salt section was about 460' thicker; and the Pinkerton Trail section and Molas were much thinner. Likewise, the datum points varied, but the actual top of the Hermosa was only 30 feet deeper than predicted, but the thicker upper part (Honaker Trail section) and the thicker salt section made the top of the Leadville formation about 550 feet deeper than predicted. There is also some evidence on the electric logs that a part of the salt section may have been repeated. The section from 5410' to 5600' may have been repeated again from 5600' to 5790'. This could indicate that a reverse fault is present in the area; however, the salt sections can be very similar and are sometimes poor evidence for substantiating certain geologic conditions.
8. The subject well had fantastic evidence of hydrocarbons while it was being drilled. When the Cane Creek zone was first encountered at 7380', oil and gas began showing up on the salt mud and the mud volume in the pits raised approximately 6" due to the incoming gas with some oil. The samples of the cuttings were thoroughly saturated and oil stained with brilliant fluorescence. The mud logging system (gas detector and chromatograph) were not operating at the time due to equipment breakdown. Accordingly, a drill-stem-test was taken and gas and oil were recovered on the test as outlined in the 'Drilling History' part of this report. Shut-in pressures of 3995# were recorded in this test. The lithology of the reservoir rock is a anhydritic sand, vugular anhydrite, and vugular to sucrosic dolomite. Thus porosity is a problem; however, the electric logs indicate thin zones of porosity ranging from 6% up to 15%. Water saturations of these zones are generally indicated as being about 20%. No water has been noted in the zone or in the produced oil. Based on the drill-stem-test data, it was believed that the well would flow oil due to the high shut-in pressure (3995#) but this has not happened, except after the stimulation treatment. The gas flows continuously but the oil has been swabbed from the well. During the testing and completion work, over

500 bbls of oil were produced. The exact daily production rate has not been established, since pumping equipment has not been installed to date; but the testing data suggest a daily production rate of approx. 50 to 75 bbls of oil and 50 MCF of gas. This is the approximate current production rate of the Long Canyon #1 well which is producing from the Cane Creek zone also. This well is located in Section 6, T 27S, R 20E, which is about 10 miles NW. of the subject well and has produced a cumulative total of 755,000 bbls of oil to date. The casing pressure of the subject well at the surface is 500 p.s.i. and the tubing pressure while shut-in is 200 p.s.i. The original high pressure of the Cane Creek zone was probably due to the gas pressure and once some of the gas was expended, the pressure was reduced accordingly. This suggests a limited reservoir, but this seems to be a common occurrence with Cane Creek reservoirs and most operators fail to proceed further and attempt completion of the well. The Long Canyon well suggests that good reservoir conditions can exist and that sizeable reserves can be present. The Electric Logs of the subject well suggest that approximately 20 feet of the Cane Creek section has porosity ranging from 8 to 15%. This could provide for approximately 12,400 bbls of oil per acre in place. If it is assumed that 25% could be recovered, or about 3000 bbl/acre, it would be possible to have about 480,000 bbl. of recoverable oil under each quarter section. Since the Long Canyon well has already produced over $1\frac{1}{2}$ times this amount, it is not unrealistic.

9. In addition to the Cane Creek zone, some thin beds in the Pinkerton Trail section appeared to be prospective on the electric logs. The lithology of these beds was also dolomite and anhydrite and had indicated porosities of 12% to 20% on the E-logs. Four of these zones (7702-06'; 7620-23'; 550-54'; and 7461-64') were perforated, broke down with acid and tested. No appreciable recovery of hydrocarbons was obtained and no water was present. An acceptable and logical explanation of the complete lack of gas or fluids in these apparent porous zones is not readily determined. It is planned to test and core similar zones in future wells with the RFT tool (Schlumberger) prior to setting casing. This could provide the correct answer to this problem.
10. The Mississippian - Leadville formation in the subject well has definite potential for hydrocarbon production. The top 100 ft.

of the formation was primarily chalk and chalky limestone. Shows of hydrocarbons were seen in the samples and gas kicks are shown on the gas detector logs. However, it could never be certain that these were not emanating from the prior Cane Creek zone. The electric logs indicated possibilities in two zones in the chalk section with porosities of 3% to 8%. The lower portion of the lower zone from 7804-7836' was included in the Drill-stem-test #2 which recovered slightly oil cut black sulphurous salt water. The two zones in the chalk were perforated and treated with a small amount of acid. The lower zone would not breakdown and the upper zone gave up only a small amount of gas and a thin film of oil on the recovered acid water. It is believed that a sizeable stimulation treatment might be successful in obtaining some production out of the upper zone; but it was felt that the work and expense on this zone should be delayed until after the second well was drilled and some production had been obtained from the Cane Creek section in the subject well.

11. The lower portion of the Leadville that was drilled in the subject well was vugular and sucrosic dolomite with obvious porosity; but, as noted above, a drill-stem-test of this zone recovered sulphurous salt water. Porosity on the E-logs of this section was over 15% in places. This zone could be productive at other locations on the structure if found higher or against a fault trap.
12. Additional wells are planned for the area and the data from these wells should provide considerable information which can be used to decipher the structure and geologic conditions.

W. Don Quigley
W. Don Quigley

TO: Cleon B. Feight

DATE: December 21, 1981

FROM: Michael T. Minder

SUBJECT: Venting Gas
Lion Mesa Unit State ~~3-36(1)~~
Sec. ~~36~~, T. 27S, R. 20E
San Juan County, Utah

27-1 A
Sec. 27 27S 21E

A report was received from Beverly Lewis, BLM (Moab), telephone number 259-6111, concerning gas being vented at the above referenced well. This well was improperly filed as P & A'd and appears to be producing at this time and venting gas possible in violation of C-27. The operator is Megadon Energy Corporation.

Since this is a Federal Unit, USGS will be notified also.

cc: Ed Guynn, USGS



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

TO: Cleon B. Feight

DATE: December 21, 1981

FROM: Michael T. Minder *MTM*

SUBJECT: Venting Gas *27-1A*
~~Water Point 7 ed.~~
~~Lion Mesa Unit State 7-36(4)7~~
~~Sec. 20, T. 27S, R. 20E~~
San Juan County, Utah
27 27S 21E

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Since this is a Federal Unit, USGS will be notified also.

12/29/81
Called Don Quigley this
date talked to Secretary & he
will take care of problem
WJ

cc: Ed Guymn, USGS



MEGADON ENTERPRISES, INC.

309 Guaranty Bank Building • 817 17th St. • Denver, Colorado 80202 • (303) 573-0093
57 West South Temple • Salt Lake City, Utah 84101 • (801) 359-3575

May 10, 1982

Mr. John Johnson
J & W Oilfield Services Inc.
P. O. Box 146
Moab, Utah 84532

Re: Clean-up work
Lion Mesa Wells

Dear John:

Yesterday along with U.S.G.S. and BLM personnel, I visited the Lion Mesa wells and there are several things that need to be done to meet their demands.

1. We need to put up signs on three of the wells: #27-1A, #4-26, and #5-28. The following information should be printed on the signs:

Lion Mesa #27-1A: (The one with the tanks)

Megadon Enterprises Inc.
Lion Mesa #27-1A
NE. SW. Sec. 27-27S-21E.
Elev: 5587' Grd.

Lion Mesa #4-26: (The one behind the hill and east of 27-1A)

Megadon Enterprises Inc.
Lion Mesa #4-26
SE. SW. Sec 26-27S-21E.
Elev: 5464' Grd.

Lion Mesa #5-28: (The one on the west side of the road, west of 27-1A)

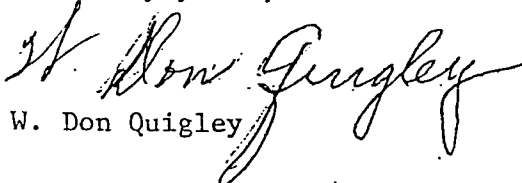
Megadon Enterprises Inc.
Lion Mesa #5-28
Se. Ne. Sec. 28-27S-21E.
Elev: 5515' Grd.

2. We need a lock on the load valve on the #27-1A well plus a spill barrel at the end of the load line. Put the lock on immediately. We need a lock on the #5-28 well also. Simply run a short chain thru the wheels on the valves and padlock it. A lock needs to be placed on the #4-26 well - a chain can be run thru the wheel of the master valve and around the well head and padlocked. Also put a 2" bull plug in the flange on each side of the casing since these valves can't be locked very easily. Give IF one set of the

3. We need to pick up the pipe protectors on #27-1A and the extra tubing and rods. I guess the pipe protectors can go to the dump since no one seems to want them anymore. The rods and tubing should be stored in the yard for future work-over use. Some of the rods are broken and can be discarded. We need also to make a wooden storage bin (approximately 4' X 2' X 2' high) with a sloping top that can be locked to store all the little stuff at the well. Such things as valves, nipples, unions, change-over nipples, etc. that are needed at the well can be placed in the box and locked. The box could be placed next to the shed and painted the same color. Incidentally, I had a choke valve at the #27-1A well, but I didn't see it there yesterday. You might ask JB about it. Maybe JBCO took it to their yard. We need this valve for the Ten-Mile well.
4. The #4-26 well needs cleaning-up real bad. There are a large number of plastic 5-gal cans that need to be picked up and hauled to the dump. The cable, barrel, samples, etc. also need to be removed. The tubing (54 jts) should be hauled to the yard and stored for future use. The fence should also be removed, so that Jan Boyd can fold-in the reserve pit and the burn pit. She will also reduce the size of the location and contour the sides. The cat work should be done as soon as the fence is removed; so Jan should be contacted so that the work can be coordinated.
5. There is some spare tubing (18 jts) on the #5-28 well which should also be hauled to the yard. The reserve pit at this well is nearly dry and can be folded in. As soon as Jan is ready, the fence should be removed and the work begun. This location can also be reduced in size and contoured on the sides. The erosion trench near the SE. anchor needs to be filled in. This can be done when the pit work is accomplished.

I would appreciate your attention to this work as soon as you can work it into your schedule. If there are any questions, please contact me accordingly.

Sincerely yours,


W. Don Quigley

cc: Minerals Management
Attn: Don English
Durango, Colo.

- District Office, BLM
Attn: Paul Brown
Moab, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-27505

Communitization Agreement No. _____

Field Name _____

Unit Name LION MESA

Participating Area _____

County SAN JUAN State UTAH

Operator _____

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of 7-18-81 to Present, 19 5-27-82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<p>COMPLETION ON THE 4-26 WELL WAS ACCOMPLISHED DURING THE PERIOD MAY 18 TO JULY 18, 1981. THE LAST WORK INDICATED THAT FURTHER TREATMENT OF A ZONE AROUND 5800' WOULD POSSIBLY PROVIDE PRODUCTION. PRIOR TESTING OF THIS ZONE RECOVERED ON A FLOW TEST FLUID AT THE RATE OF APPROXIMATELY 160 BBLs/DAY WITH 10-13% OIL AND THE REST SALT WATER.</p> <p>OUR PARTICIPANTS ELECTED TO CEASE OPERATIONS ON THIS WELL UNTIL SOME LATER DATE WHEN EVALUATION AND CONSIDERATION OF THE ECONOMICS COULD BE COMPLETED. THE WELL IS IN A SUSPENDED STATE UNTIL SUCH TIME AS THESE DECISIONS ARE MADE.</p> <p>REHABILITATION IS SCHEDULED FOR ACCOMPLISHMENT AS INDICATED IN OUR LETTER OF MAY 10, 1982.</p>									

RECEIVED
JUN 04 1982

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area, as basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Melville Bateman Address: _____
Title: SEC/TREAS.

57 WEST SOUTH TEMPLE, SLC.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-20016
2. NAME OF OPERATOR MEGADON ENERGY CORPORATION/MERIDIAN OIL CO.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 20; 175 South West Temple, Salt Lake City, Ut 84101		7. UNIT AGREEMENT NAME Lion Mesa
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE.SW. Section 27, T 27S, R 21E, SLM 1837' From W-line and 2027' From S-line		8. FARM OR LEASE NAME Hatch Point
14. PERMIT NO. 43-037-30518		9. WELL NO. LM #27-1A
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5588' Grd		10. FIELD AND POOL, OR WILDCAT Lion Mesa
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA NE.SW. Sec 27-27S-21E. SLM.
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Information</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Lion Mesa #27-1A well in Section 27, T-27S, R 21E, and lease #U-20016 were transferred to Meridian Oil Inc., Englewood, Colorado on August 22, 1991. Meridian Oil will be responsible for further reporting on this well.

RECEIVED

NOV 22 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true, and correct

SIGNED

W. Don Gavigan

TITLE President

DATE November 21, 1991

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	7- LCR
2- DTS	DTS
3- VLC	
4- RJF	
5- RWM	
6- ADA	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold) ☐ Designation of Agent
Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-22-91)

(new operator) <u>MERIDIAN OIL, INC.</u>	FROM (former operator) <u>MEGADON ENTERPRISES, INC.</u>
(address) <u>801 CHERRY ST.</u>	(address) <u>175 S. WEST TEMPLE, STE 20</u>
<u>FT WORTH, TX 76102</u>	<u>SALT LAKE CITY, UT 84101</u>
	<u>W. DON QUIGLEY, PRES.</u>
phone (<u>817</u>) <u>347-2331</u>	phone (<u>801</u>) <u>359-3575</u>
account no. <u>N 7230</u>	account no. <u>N 0620</u>

Well(s) (attach additional page if needed): *LION MESA UNIT

Name: <u>HATCH PT FED 27-1A/CNCR</u>	API: <u>43-037-30518</u>	Entity: <u>2815</u>	Sec <u>27</u> Twp <u>27S</u> Rng <u>21E</u>	Lease Type: <u>U-20016</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 11-22-91)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 11-26-91) (Reg. 12-31-91) (Rec'd 1-6-92)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (12-31-91)
6. Cardex file has been updated for each well listed above. (12-31-91)
7. Well file labels have been updated for each well listed above. (12-31-91)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (12-31-91)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
 2. A copy of this form has been placed in the new and former operators' bond files.
 3. The former operator has requested a release of liability from their bond (yes/no) ____.
- Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

1. All attachments to this form have been microfilmed. Date: January 23 1992

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

911210 Btm / S.L. Unit operator from Megadon to Meridien eff. 12-2-91. This is the only well within unit, now operated by Meridien.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p align="center">(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		5. LEASE DESIGNATION & SERIAL NO. U-20016	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Lion Mesa 14-08-0001-18425	
2. NAME OF OPERATOR Meridian Oil Inc.		8. FARM OR LEASE NAME Lion Mesa	
3. ADDRESS OF OPERATOR 5613 DTC Parkway, Englewood, CO 80111		9. WELL NO. 27-1A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NE/SW Sec. 27 At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 27-T27S-R21E	
14. API NO. 12-037-30518	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Effective September 16, 1990, Meridian Oil Inc. acquired interest in and assumed operations for the subject well. Meridian will operate under State of Utah Bond No. 1536406 and BLM Nationwide Bond No. MT-0719, and will be responsible under the terms and conditions of the lease for operations on the lease.

RECEIVED

JAN 06 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Sally L. DuWall TITLE Regulatory Compliance Representative DATE 12-23-91

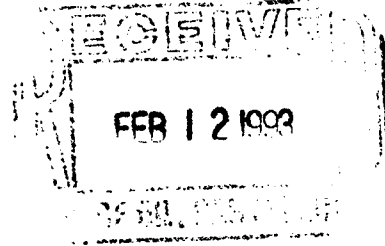
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

MERIDIAN OIL

February 9, 1993



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Don Staley - Administrative Manager, Oil and Gas

Dear Mr. Staley:

Enclosed please find the Annual Status Report of Shut-in wells as follows:

Indian Creek Unit 14176 #2
Navajo Federal 43-5
Navajo Federal 41-5
Hatch Point Federal 27-1A

If you require any further information, please call me at (303) 930-9435.

Sincerely,

Genny Natvig
Operations Assistant

cc: Maralene Spawn

Enc.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. 8910184250
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR MERIDIAN OIL, INC.		7. UNIT AGREEMENT NAME 14-08-0001-18425 Lion Mesa
3. ADDRESS OF OPERATOR 5613 DTC Parkway, Englewood, CO 80111		8. FARM OR LEASE NAME Hatch Point Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NESW, Sec. 27 At proposed prod. zone		9. WELL NO. 27-1A
14. API NO. 43-037-30518		10. FIELD AND POOL, OR WILDCAT Lion Mesa
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T27S-R21E
12. COUNTY San Juan		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Annual Status Report</u>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Annual Status Report

Well Shutin 1/1/92 - Uneconomical

FEB 12 1993

18. I hereby certify that the foregoing is true and correct

SIGNED Genevieve Natvig TITLE Operations Assistant DATE February 9, 1993

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

RECEIVED

DEC 7 1993

Form 3160-9
(January 1989)

DIVISION OF OIL, GAS & MINING
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NOTICE OF INCIDENTS OF NONCOMPLIANCE

Number JB94000

Page 1 of 2

☒ Certified Mail-Return Receipt Requested
P 116 384 895
☐ Hand Delivered. Received by:

Identification
Lease
CA
Unit 8910184250
PA

Bureau of Land Management Office San Juan Resource Area Address P.O. Box 7, Monticello, UT 84535 Telephone (801) 587-2141		Operator Meridian Oil Address 5613 DTC Pkwy., Englewood, CO 80111 Attention Mr. Kenneth Moyer	
Site Name Lion Mesa	Well or Facility Identification 27-1A	1/4 Sec. NESW, 27	Township 27S
Inspector Jeff Brown		Range 21E	Meridian SLB

THE FOLLOWING VIOLATION WAS FOUND BY BUREAU OF LAND MANAGEMENT INSPECTORS ON THE DATE AND AT THE SITE LISTED ABOVE.

Date	Time (24-hour clock)	Violation	Gravity of Violation
11/30/93	1100	OOGO 3, Part III.I.(1) 43 CFR 3162.7-5(d)(1)(3)	minor
Corrective Action To be Completed by	Date Corrected	Assessment for Noncompliance	Assessment Reference
30 days from receipt of notice	12/20/93	\$	43 CFR 3163.1 ()

Remarks:

Failure to submit an updated site security diagram. Submit an updated site security diagram that accurately reflects the actual conditions at the site.

When violation is corrected, sign this notice and return to above address.

Company Representative Title REGULATORY CAMP ADMINISTRATOR Signature [Signature] Date 12/20/93
Company Comments SEE ATTACHED SITE SECURITY REVISED DIAGRAM.

WARNING

Incidents of Noncompliance correction and reporting time frames begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each violation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. Please note that you already may have been assessed for noncompliance (see amount under "Assessment for Noncompliance"). If you do not comply as noted above under "Corrective Action To Be Completed By," you may incur an additional assessment under (43 CFR 3163.1) and may also incur Civil Penalties (43 CFR 3163.2). All self-certified corrections must be postmarked no later than the next business day after the prescribed time for correction.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3163.2(f)(1), provides that any person who "knowingly or willfully" prepares, maintains, or submits false, inaccurate, or misleading reports, notices, affidavits, records, data, or other written information required by this part shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

A person contesting a violation shall request a State Director review of the Incidents of Noncompliance. This request must be filed within 20 working days of receipt of the Incidents of Noncompliance with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Lands Appeals, 4015 Wilson Blvd., Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Signature of Bureau of Land Management Authorized Officer [Signature] Date 12-1-93 Time 1245

FOR OFFICE USE ONLY

Number	Date	Assessment	Penalty	Termination
Type of Inspection: <u>PH</u>				

ORIGINAL (RETURN TO ISSUING OFFICE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Meridian Oil Inc.

3. Address and Telephone No.

5613 DTC Parkway, Englewood, CO 80111 (303) 930-9300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESW Sec. 27-T27S-R21E

5. Lease Designation and Serial No.

U20016

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation

14-08-0001-18425

8. Well Name and No.

HATCH POINT Lion Mesa 27-1A

9. API Well No.

43-037-30518

10. Field and Pool, or Exploratory Area

Wildcat Lion Mesa

11. County or Parish, State

San Juan County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Revised Site
Security Diagram

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached revised site security diagram for the above captioned well.

RECEIVED
JUN 27 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed

Eileen Danni Day

Title Regulatory Compliance Adm.

Date 12/21/93

(This space for Federal or State office use)

Approved By

Title

Date

Condition of Approval, If any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

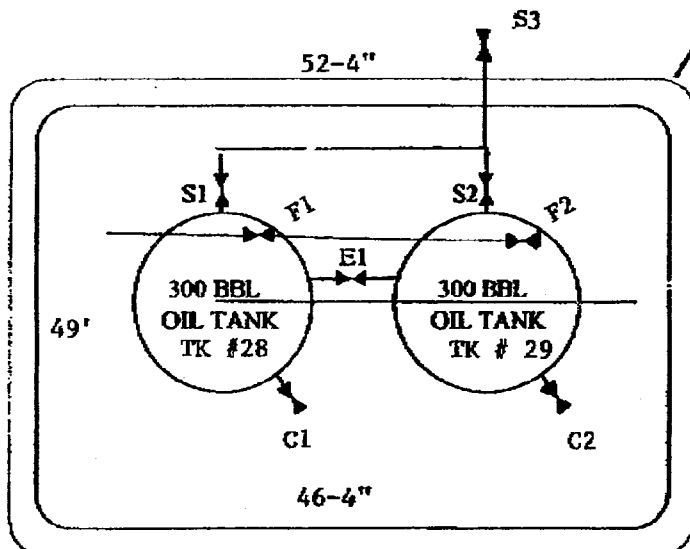
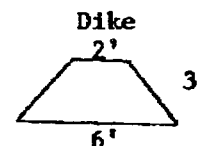
RECEIVED
DEC 27 1993
DIVISION OF OIL, GAS & MINING

WELL HEAD

143'

VALVE SEALING DETAIL	C	E	F	S
PRODUCTION	S/C	O/C	O/C	S/C
DRAIN	O	O/C	O/C	S/C
SALES	S/C	S/C	S/C	O

WHERE: O - OPEN S/C - SEALED CLOSED
O/C - OPEN OR CLOSED C - CLOSED



MERIDIAN OIL SITE SECURITY DIAGRAM

27-1A HATCH POINT FEDERAL - LION MESA 3910134250 NE/SW SEC 27-T27S-R21E

SAN JUAN COUNTY, UTAH

DRAWN 12-14-93

NOTE: THIS LEASE SUBJECT TO THE SITE SECURITY PLAN
FOR HATCH POINT AREA
THE PLAN IS LOCATED AT 440 10th AVE SE SIDNEY, MT 59270
OFFICE HOURS ARE 7:00 AM TO 4:30 PM MON - FRI

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
 MERIDIAN OIL INC
 PO BOX 3209
 ENGLEWOOD CO 80155-3209

UTAH ACCOUNT NUMBER: N7230

REPORT PERIOD (MONTH/YEAR): 7 / 96

AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ INDIAN CREEK #1 4301530082 02585 17S 06E 2	FRSD	✓		ML27626	E.mtn.Unit	
✓ INDIAN CREEK 10176-5 4301530117 02585 17S 06E 10	FRSD	✓		U15203	E.mtn.Unit	
✓ INDIAN CREEK UNIT 021762-3 4301530175 02585 17S 06E 2	FRSD	✓		U15204	E.mtn.Unit	
✓ 13-35 EMU HRE FEDERAL 4301530230 02585 16S 06E 35	FRSD	✓		U56933	E.mtn.Unit	
✓ E MOUNTAIN UNIT 32-23 4301530231 02585 16S 06E 23	FRSD	✓		U17024	E.mtn.Unit	
✓ HATCH POINT 27-1A 4303730518 02815 27S 21E 27	CNCR	✓		U-20016	Hatch Point U / Exxon? Susp.? (Non Committed Lease)	
✓ T CANYON UNIT 33-18 4301916203 09515 16S 25E 18	NWSE CDMTN	✓		U05059		
✓ NAVAJO FEDERAL 9-1 4303731001 09975 39S 25E 9	NWNE ISMY	✓		U52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL 4-2 4303731161 09975 39S 25E 4	SWSE ISMY	✓		U52333	Kiva (Upper Mesa) Unit	
✓ NAVAJO FEDERAL #4-4 4303731179 09975 39S 25E 4	NWSW ISMY	✓		U52333	Kiva (Upper Mesa) Unit	
✓ 24-4 KIVA FEDERAL 4303731745 09975 39S 25E 4	SESW ISMY	✓		USAU52333	Kiva (Upper Mesa) Unit	
✓ HAVASU-FEDERAL #22-19 4303731278 10654 38S 24E 19	SESW ISMY	✓		U56186	Kechine Unit	
✓ HAVASU-FEDERAL #41-24 4303731279 10654 38S 23E 24	NENE ISMY	✓		U20895	Kechine Unit	
TOTALS						

COMMENTS:

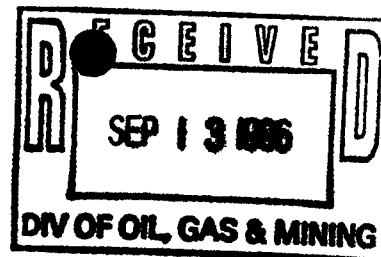
I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Signature: _____

Telephone Number: _____

MERIDIAN OIL



September 10, 1996

State of Utah
Division of Oil, Gas and Mining
355 ~~1594~~ West North Temple
Salt Lake City, UT 84180

Re: Name Change from Meridian Oil Inc. to
Burlington Resources Oil & Gas Co.

Gentlemen:

Please be advised effective July 11, 1996 Meridian Oil Inc. changed their name and address to:

Burlington Resources Oil & Gas Co.
3300 North "A" St., Bldg. 6
Midland, TX 79710-1810

Please see the attached list of wells that Burlington Resources operates in the State of Utah. If you should have any questions, please contact me at (303) 930-9393 or after September 30th at (915) 688-6800.

Sincerely,

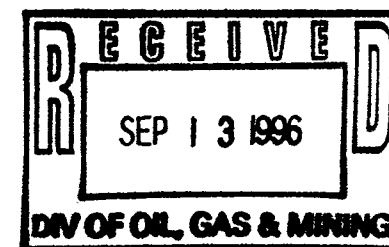
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, appearing to read "Eileen Danni Dey".

Eileen Danni Dey
Senior Regulatory Compliance Representative

Enclosure

FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	UTU05059	9515
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	13-35	FERRON	EMERY	NWSW	35	016S	006E	43-015-3023000	57287U6920	10789
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	32-23	FERRON	EMERY	SWNE	23	016S	006E	43-015-3023100	57287U6920	11075
FERRON	INDIAN CREEK UNIT	1	FERRON	EMERY	SWNW	02	017S	006E	43-015-3008200	57287U6920	02585
FERRON	INDIAN CREEK UNIT	3	FERRON	EMERY	SWSW	02	017S	006E	43-015-3107500	57287U6920	30175 02585
FERRON	INDIAN CREEK UNIT 10176	5	FERRON	EMERY	SENE	10	017S	006E	43-015-3011700	57287U6920	02585
FERRON	INDIAN CREEK UNIT 14176	2	FERRON	EMERY	SWNE	14	017S	006E	43-015-3009100	UTU15202	10907
KACHINA	ARABIAN FEDERAL (W/W)	2	ISMAY	SAN JUAN	NWSW	19	038S	024E	43-037-3128200	UTU56186	10654
KACHINA	ARABIAN FEDERAL	3	ISMAY	SAN JUAN	NESW	19	038S	024E	43-037-3128700	UTU56186	10654
KACHINA	HAVASU FEDERAL (W/W)	11-19	UPPER ISMAY	SAN JUAN	NWNW	19	038S	024E	43-037-3145800	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19	UPPER ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145700	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19A	ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145900	UTU56186	10654
KACHINA	HAVASU FEDERAL	22-19	UPPER ISMAY	SAN JUAN	SENE	19	038S	024E	43-037-3127800	UTU56186	10654
KACHINA	HAVASU FEDERAL	41-24	UPPER ISMAY	SAN JUAN	NENE	24	038S	023E	43-037-3127900	UTU20895	10654
KACHINA	HAVASU FEDERAL (W/W)	42-24	UPPER ISMAY	SAN JUAN	SENE	24	038S	023E	43-037-3129800	UTU20895	10654
KACHINA	WASH UNIT (W/SW)	2	CUTLER	SAN JUAN	SESE	13	038S	023E	43-037-3132400	UTU20894	10654
KIVA (DESERT CREEK)	NAVAJO FEDERAL	41-5	DESERT CREEK	SAN JUAN	NENE	05	039S	025E	43-037-3142100	UTU57895	91358 10810
KIVA (UPPER ISMAY)	KIVA FEDERAL	24-4	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3174500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (W/W)	12-4	ISMAY	SAN JUAN	SWNW	04	039S	025E	43-037-3139500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (W/W)	14-4	ISMAY	SAN JUAN	SWSW	04	039S	025E	43-037-3132100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (W/W)	21-9	ISMAY	SAN JUAN	NENW	09	039S	025E	43-037-3126700	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (W/W)	23-4	UPPER ISMAY	SAN JUAN	NESW	04	039S	025E	43-037-3125900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-2	ISMAY	SAN JUAN	SWSE	04	039S	025E	43-037-3116100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-4	ISMAY	SAN JUAN	NWSW	04	039S	025E	43-037-3117900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	42-5	UPPER ISMAY	SAN JUAN	SENE	05	039S	025E	43-037-3126100	83687U6890	10655
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (W/SW)	42-9	WINGATE/CUTLER	SAN JUAN	SENE	09	039S	025E	43-037-3126300	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	9-1	UPPER ISMAY	SAN JUAN	NWNE	09	039S	025E	43-037-3100100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	4-1	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3111200	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	43-5	ISMAY	SAN JUAN	NWSW	05	039S	025E	43-037-3131700	83687U6890	09975
LION MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

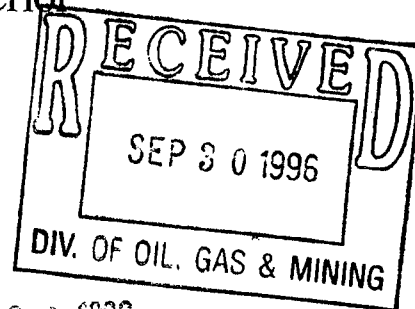




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To
3100
SL-071010C
(UT-932)

SEP 28 1996

NOTICE

Burlington Resources Oil & Gas Company	:	Oil and Gas
801 Cherry Street, Suite 900	:	SL-071010C
Fort Worth, Texas 76102	:	

Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the corporate name change from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

For our purposes, the name change is recognized effective July 12, 1996, the date the Secretary of State of Delaware certified the name change.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to Bond No. 400IA9059 (BLM Bond No. MT0719) has been accepted by the Montana State office as of September 16, 1996, its date of receipt. The rider changed the name on the bond from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

ROBERT LOPEZ

Robert Lopez
Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit (1 p)

cc: MMS, Data Management Division, P.O. Box 5860, MS 3113, Denver, Colorado 80217
Moab District Office
Vernal District Office

bc: State of Utah, ATTN: Lisha Cordova, Division of Oil, Gas and Mining, P.O. Box 145801,
Salt Lake City, Utah 84114-5801
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases Affected

SL-071010C	U-8894A	U-40751	U-61752
SL-071595	U-8895A	U-45051	U-62143
U-0681	U-8897A	U-45929	U-62190
U-0683	U-15202	U-46825	U-63181
U-0684	U-15203	U-51045	UTU-64930
U-0685	U-15204	U-51046	UTU-64931
U-0719	U-16962A	U-51047	UTU-65329
U-0725	U-17024	U-52333	UTU-65607
U-0737	U-17623	U-56186	UTU-65750
U-0741	U-19281	U-56932	UTU-65751
U-0744	U-20016	U-56933	UTU-65868 (ROW)
U-03333	U-20895	U-56934	UTU-65940
U-04049	U-24606	U-57895	UTU-65943
U-04049A	U-39832	U-58728	UTU-66025
U-05059	U-40361	U-60428	UTU-66487
U-08107	U-40440	U-60520	UTU-66584
U-062420	U-40544 (ROW)	U-61556	UTU-66708
UTU-66830	UTU-66831	UTU-67565	UTU-67568
UTU-67569	UTU-67570	UTU-68232	UTU-68664
UTU-68676	UTU-69434	UTU-70115 (ROW)	UTU-70196
UTU-72660	U-60786X (Bannock Unit)	U-63089X (East Mountain Unit)	

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-EC	6-EC
2-GLD	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed, effective: 7-11-96

TO: (new operator) BURLINGTON RESOURCES O&G CO.

(address) 3300 N "A" ST BLDG 6

MIDLAND TX 79710-1810

EILEEN DANNI DEY

Phone: (915)688-6800

Account no. N7670

FROM: (old operator) MERIDIAN OIL INC

(address) PO BOX 3209

ENGLEWOOD CO 80155-3209

EILEEN DANNI DEY

Phone: (303)930-9393

Account no. N7230

WELL(S) attach additional page if needed:

***KACHINA, KIVA, EAST MOUNTAIN, BANNOCK UNIT'S**

Name: **SEE ATTACHED**	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 9-13-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 9-13-96)*
- Yes 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #096593. *(Eff. 1-29-82)*
- Yes 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(i.e. UIC Program)*
- Yes 6. Cardex file has been updated for each well listed above. *(10-3-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(10-3-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(10-3-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) #961002 "Rider" 80,000 to Burlington rec'd by Trust Lands Admin.

- Lee 1. (r649-3-1) The NEW operator of any ~~fee~~ lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
OTS
11/14/96

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 12-27-96.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
 BURLINGTON RESOURCES O&G
 3300 N A ST BLDG 6
 MIDLAND TX 79710-1810

UTAH ACCOUNT NUMBER: N7670REPORT PERIOD (MONTH/YEAR): 2 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
INDIAN CREEK #1 4301530082 02585 17S 06E 2	FRSD			ML 27626		
INDIAN CREEK 10176-5 4301530117 02585 17S 06E 10	FRSD			U-15203		
INDIAN CREEK UNIT 021762-3 4301530175 02585 17S 06E 2	FRSD			U-15204		
13-35 EMU HRE FEDERAL 4301530230 02585 16S 06E 35	FRSD			U-56933		
E MOUNTAIN UNIT 32-23 4301530231 02585 16S 06E 23	FRSD			U-17024		
HATCH POINT #27-1A-1 4303730518 02815 27S 21E 27	CNCR			U-20016		
NAJO FEDERAL 9-1 4303731001 09975 39S 25E 9	ISMY			U-52333		
NAVAJO FEDERAL 4-2 4303731161 09975 39S 25E 4	ISMY			U-52333		
NAVAJO FEDERAL #4-4 4303731179 09975 39S 25E 4	ISMY			U-52333		
24-4 KIVA FEDERAL 4303731745 09975 39S 25E 4	ISMY			U-52333		
NAVASU FEDERAL #22-10 4303731278 10654 38S 24E 19	ISMY			U-56186	Kachina Unit / Sec. Recovery	
NAVASU FEDERAL #41-24 4303731279 10654 38S 23E 24	ISMY			U-20895	"	
ARABIAN FEDERAL #34 4303731287 10654 38S 24E 19	IS-DC			U-56186	"	
TOTALS						

REMARKS: * Other wells pending; partial change only. (see separate change) *uc*

I hereby certify that this report is true and complete to the best of my knowledge.

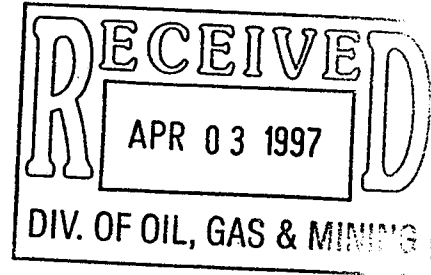
Date: _____

Signature: _____

Telephone Number: _____

MERIT ENERGY COMPANY

12222 MERIT DRIVE, SUITE 1500
DALLAS, TEXAS 75251
(972) 701-8377
(972) 960-1252 Fax



April 2, 1997

Utah Division of Oil, Gas and Mining
Attn: Ms. Lisha Cordova
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114

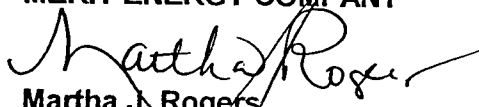
RE: Change of Operator to Merit Energy Company
Emery and San Juan County

Dear Ms. Cordova:

Enclosed please find a copy of Form 3160 executed by both parties, Merit Energy and Burlington Resources.

If additional information or forms are required to process this transaction, please contact me at 972-701-8377.

Yours very truly,
MERIT ENERGY COMPANY


Martha J. Rogers
Manager, Regulatory Affairs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address and Telephone No (915)688-6800

P. O. BOX 51810, MIDLAND, TX 79710-1810

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESW

27 027S 021E, SLM

5. Lease Designation and Serial No.

UTU20016

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

HATCH POINT FEDERAL 27-1A

9. API Well No.

43,037,3051800

10. Field and Pool, or Exploratory Area

LION MESA, CANE CREEK

11. County or Parish, State

SAN JUAN, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE HATCH POINT FEDERAL 27-1A WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251.

ON APRIL 1, 1997, MERIT ENERGY COMPANY, GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS.

14. I hereby certify that the foregoing is true and correct.

Signed

Kent Beers

Title

Attorney-in-Fact

Date

March 31, 1997

(This space for Federal or State office use)

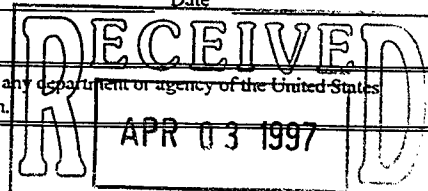
Approved By

Title

Date

Condition of Approval, If any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 13-35	35 016S 006E	ML-27626	GAS WELL	43,015,3023000	UT060P49-87U69	57287U6920	025 <i>456933</i>
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 32-23	23 016S 006E		GAS WELL	43,015,3023100	UT060P49-87U69	57287U6920	025 <i>417634</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	ML-27626	GAS WELL	43,015,3017500		57287U6920	025 <i>415204</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 <i>ML-27626</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	ML-27626	GAS WELL	43,015,3011700		57287U6920	025 <i>415203</i>
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3009100		UTU15202	109 <i>415202</i>
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 <i>446361</i>
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 <i>420894 (To Water Rights 4-7-97)</i>
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 <i>456186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 <i>456186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 <i>456186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 <i>456186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 <i>456186</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 <i>426895</i>
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 <i>426895</i>

1-79

04/04 10.00

P.19/19

CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
SAN JUAN	KIVA ,DESERT CREEK	NAVAJO FEDERAL 41-5	05 039S 025E	UTU57895	OIL WELL	43,037,3135800		UTU57895	108 <i>1157895</i>
SAN JUAN	LION MESA ,CANE CREEK	HATCH POINT FEDERAL 27-1A	27 027S 021E	UTU20016	OIL WELL	43,037,3051800		UTU20016	028 <i>1120016</i>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

5. Lease Designation and Serial No.
UTU20016

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MERIT ENERGY COMPANY

3. Address and Telephone No (972) 701-8377

12222 MERIT DRIVE, DALLAS, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESW

27 027S 021E, SLM

8. Well Name and No.

HATCH POINT FEDERAL 27-1A

9. API Well No.

43,037,3051800

10. Field and Pool, or Exploratory Area

LION MESA, CANE CREEK

11. County or Parish, State

SAN JUAN, UT

RECEIVED
APR 28 1997
DIV. OF OIL, GAS & MIN.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE AS OF JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE PRIOR OPERATOR OF RECORD, TRANSFERRED ALL RIGHT, TITLE AND INTEREST IN THE HATCH POINT FEDERAL 27-1A WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

MERIT ENERGY COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IN THE AMOUNT OF \$150,000 FOR MERIT ENERGY COMPANY IS PROVIDED UNDER BLM BOND NO. WY3011, IN FAVOR OF THE BUREAU OF LAND MANAGEMENT, U. S. DEPARTMENT OF THE INTERIOR.

14. I hereby certify that the foregoing is true and correct.

Signed

Martha Rogers

Title

Manager, Regulatory Affairs

Date

March 31, 1997

(This space for Federal or State office use)

78/ Brad D. Palmer

Approved By

Title

Assistant Field Manager,
Resource Management

Date

Condition of Approval, If any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLM	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 4-1-97

TO: (new operator) MERIT ENERGY COMPANY
 (address) 12222 MERIT DR STE 1500
DALLAS TX 75251
MARTHA ROGERS
 Phone: (972) 701-8377
 Account no. N4900 (4-30-97)

FROM: (old operator) BURLINGTON RESOURCES O&G
 (address) 3300 N A ST BLDG 6
MIDLAND TX 79710-1810
MARALENE SPAWN
 Phone: (915) 688-6800
 Account no. N7670

WELL(S) attach additional page if needed:

*KACHINA UNIT (SECONDARY RECOVERY)

Name: **SEE ATTACHED**	API: <u>43-037-30518</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 4-3-97)
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 4-3-97)
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #C0198545. (Ltr. 3-13-97)
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (4-30-97)
6. Cardex file has been updated for each well listed above. (5-30-97)
7. Well file labels have been updated for each well listed above. (5-30-97)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (4-30-97)
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- ___ 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- ___ 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- ___ 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operator's bond files.
- ___ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ___, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ___, of their responsibility to notify all interest owners of this change.

FILMING

- VS 1. All attachments to this form have been microfilmed. Today's date: 6.20.97.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970430 BLM / Apr. 4-23-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merit Energy Company

3a. Address

12222 Merit Dr., Suite 1500, Dallas, TX. 75251

3b. Phone No. (include area code)

972-701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1837' FWL & 2027' FSL (NE SW)
Section 27-T27S-R21E**

5. Lease Serial No.

U-20016

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Lion Mesa Federal Unit

8. Well Name and No.

Hatch Point Federal #27-1A

9. API Well No.

43-037-30518

10. Field and Pool, or Exploratory Area

Lion Mesa; Cane Creek

11. County or Parish, State

San Juan Co., Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

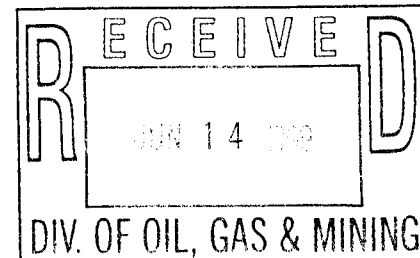
**Merit Energy Company respectfully requests an extension of the TA status for this well.
Merit will continue to evaluate the well for future utility.**

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 6-21-99

By Utah Division of Oil, Gas & Mining

COPY SENT TO OPERATOR
Date: **6-22-99**
Initials: **ERP**



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Arlene Valliquette

Title

Manager - Regulatory Affairs

Signature

Arlene Valliquette

Date

6/11/99

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

August 15, 2005

Memorandum

To: Moab Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is an approved copy of the name change recognized by the Wyoming State Office. We have updated our records to reflect the name change from Merit Partners L.P. into Merit Management Partners I, L.P. The name change was approved effective September 23, 2004.

Teresa L. Catlin
Acting Chief, Branch of
Fluid Minerals

Enclosure
Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

AUG 16 2005

DIV. OF OIL, GAS & MINING

MEMO WRITTEN: August 15, 2005

Merit Management Partners I, L.P.
13727 Noel Road, Suite 500
Dallas TX 75240

12/6/05 Note: No operator change requested at DOGM. ER



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Wyoming State Office

P.O. Box 1828

Cheyenne, Wyoming 82003-1828

2/27/05
30

TAKE PRIDE
IN AMERICA

IN REPLY REFER TO:

3106.8

(921Jensen)

PHONE NO: (307) 775-6252

FAX NO: (307) 775-6173

AUG 05 2005

Merit Management Partners I L.P.
13727 Noel Road, Ste 500
Dallas, TX 75240

BLM - UT - 950
2005 AUG 11 AM 10:05

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of **Merit Partners L.P.** into **Merit Management Partners I, L.P.**

For our purposes, this name change is recognized effective **September 23, 2004.**

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. This exhibit was compiled from a list of leases obtained from our Legacy Rehost System (LR2000) showing record title (lessee) interest and rights-of-way grants.

To document case files of leases with operating rights, working interests, or overriding royalties, **Merit Management Partners I L. P.** must submit a list of leases numbers. Our office does not record these types of ownership in our automated system. A request was made from your company for a list of lease numbers affected by this name change. Your verbal response was we should use the list of leases we have in our automated system. We have provided a copy of this printout with this notice for your information.

We have not abstracted the lease files to determine the accuracy of any record title, operating rights, working interests or overriding royalty percentage interests. This notice is intended only to recognize a legal change of company name. Any conflicts of record title interest ownership will have to be addressed on an individual level with documents recorded in the case files.

Our office will submit a copy of this notice to the Minerals Management Service and all other Bureau of Land Management offices. If additional documentation for changes of operator is required by our field offices, you will be contacted by them.

If you identify additional leases affected by this name change, please contact this office and we will document those files with a copy of this Notice.

STATE OF DELAWARE
AMENDMENT TO THE CERTIFICATE
OF LIMITED PARTNERSHIP

MERIT PARTNERS, L.P.
(NEW NAME: MERIT MANAGEMENT PARTNERS I, L.P.)

The undersigned, desiring to amend the Certificate of Limited Partnership pursuant to the provisions of Section 17-202 of the Revised Uniform Limited Partnership Act of the State of Delaware, does hereby certify as follows:

FIRST: The name of the Limited Partnership is Merit Partners, L.P.

SECOND: The Certificate of Limited Partnership is amended and restated to read in its entirety as follows:

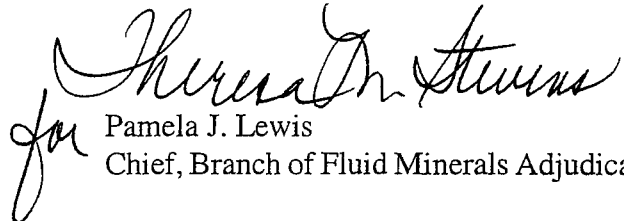
1. The name of the Limited Partnership is Merit Management Partners I, L.P.
2. The address of the registered office of the Limited Partnership in the State of Delaware is 2711 Centerville Road, Suite 400, Wilmington, New Castle County, Delaware 19808. The Limited Partnership's registered agent at that address is Corporation Service Company.
3. The name of the general partner is Merit Energy Company, a Delaware corporation, and the mailing address and street address of the business of such general partner is 13727 Noel Road, Suite 500, Dallas, Texas 75240.

IN WITNESS WHEREOF, the undersigned, being the sole general partner of the Limited Partnership, has caused this Amendment to the Certificate of Limited Partnership to be duly executed on the 15th day of September, 2004.

MERIT ENERGY COMPANY.

By: 
Bonnie C. Shea, President

Please direct any questions concerning this correspondence to Ronelle L. Jensen at (307) 775-6252.


for Pamela J. Lewis
Chief, Branch of Fluid Minerals Adjudication

Attachment

cc:
Name Change Log
Public Room Name Change Log
(921Judy)
(921Jensen)
(921Olsen)
All State Offices
MMS
Casper, RMG Sharon Taylor

Minerals Field Offices

Denise Oliverius, Buffalo FO
Newcastle FO
Ellen Burris, Casper FO
Beth Holden, Rawlins FO
Dorothy Savage, Rock Springs FO
Debbie Larsen, Lander FO
Jean Cattelan, Kemmerer FO
Karen Olsen, Pinedale FO
Cara Blank, Cody FO
Kelly Lyman, Worland FO

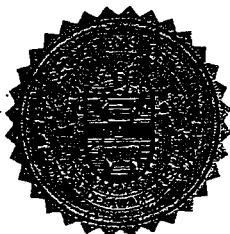
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "MERIT PARTNERS, L.P.", CHANGING ITS NAME FROM "MERIT PARTNERS, L.P." TO "MERIT MANAGEMENT PARTNERS I, L.P.", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF SEPTEMBER, A.D. 2004, AT 6:20 O'CLOCK P.M.

RECEIVED
05 MAY -9 AM 9:00
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CHEYENNE, WYOMING



2286808 8100

050341031

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3841741

DATE: 04-27-05

Effective Date: 9/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Merit Energy Company N4900 13727 Noel Road, Suite 1200 Dallas, TX 75240 972-628-1558	Gem & Eye GP N4175 P. O. Box 1034 Moab, UT 84532 435-259-1763
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
Hatch Point 27-1A	27	27 S	21E	4303730518	2815	Federal	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/23/2014
2. Sundry or legal documentation was received from the **NEW** operator on: 10/23/2014
3. New operator Division of Corporations Business Number: 6907829-0151

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
3. Reports current for Production/Disposition & Sundries: 10/31/2014
4. OPS/SI/TA well(s) reviewed for full cost bonding: N/A
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1147
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): N/A

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/31/2014
2. Entity Number(s) updated in **OGIS** on: 10/31/2014
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: N/A
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

GEM & EYE GP
P O Box 1034
Moab, UT. 84532

October 20, 2014

RE: Change of Operator

RECEIVED
OCT 23 2014
DIV. OF OIL, GAS & MINING


State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801 Salt Lake City, UT. 84114-5801

Dear Division:

Please find enclosed a Sundry Notice requesting operator change.

Thanks for your help.

Sincerely:


James Woosley

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU20016
2. NAME OF OPERATOR: Gem & Eye GP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P. O. Box 1034 CITY Moab STATE UT ZIP 84532		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2027' FSL & 1837' FWL		8. WELL NAME and NUMBER: Hatch Point Federal 27-1A
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 27 27S 21E		9. API NUMBER: 4303730518
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Lion Mesa; Cane Creek
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company has transferred all its interest in the Hatch Point Federal 27-1A well to Gem & Eye GP effective September 1, 2014.

MERIT ENERGY COMPANY (Previous Operator)
13727 Noel Road, Suite 1200
Dallas, TX 75240
972-628-1558

By: Arlene Valliquette
Arlene Valliquette, N. Division Regulatory Manager

Date: 9/17/14

NAME (PLEASE PRINT) <u>Evelyn I. Woosley</u>	TITLE <u>President</u>
SIGNATURE <u>Evelyn I Woosley</u>	DATE <u>10-1-14</u>

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

APPROVED

OCT 31 2014

DIV. OIL, GAS & MINING
BY: Rachel Medina

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-20016			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		8. WELL NAME and NUMBER: HATCH POINT 27-1A			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2027 FSL 1837 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 27 Township: 27.0S Range: 21.0E Meridian: S		9. API NUMBER: 43037305180000			
9. FIELD and POOL or WILDCAT: LION MESA		COUNTY: SAN JUAN			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/18/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Merit Energy request approval to plug and abandon the above referenced well according to the attached procedure and WBD.					
Accepted by the Utah Division of Oil, Gas and Mining Date: November 19, 2015 By: <u><i>Derek Duff</i></u>					
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst			
SIGNATURE N/A	DATE 11/10/2015				

**Merit Energy Company
Hatch PT. Federal #27-1A
API# 43-037-30518
NE-SW Sec 27 T27S-R21E
2027' FSL & 1837' FWL
Lion Mesa Field
San Juan County, Utah**

Plug & Abandoned Well

KB: 5,604
TD: 8,030'
PBTD: 7,745'
Lat/Long: 38.42336 / -109.60076

Perforations:

Mississippian 7,754' – 7,623'
Paradox 7,376' – 7,623'

Casing:

Surface: 9-5/8" 40# at 1,070' **Hole size:** 12-1/4" **TOC:** Surface
Production: 5-1/2" 20# at 7,995' **Hole size:** 8-3/4" **TOC:** 2,190' (Calc.)

Procedure:

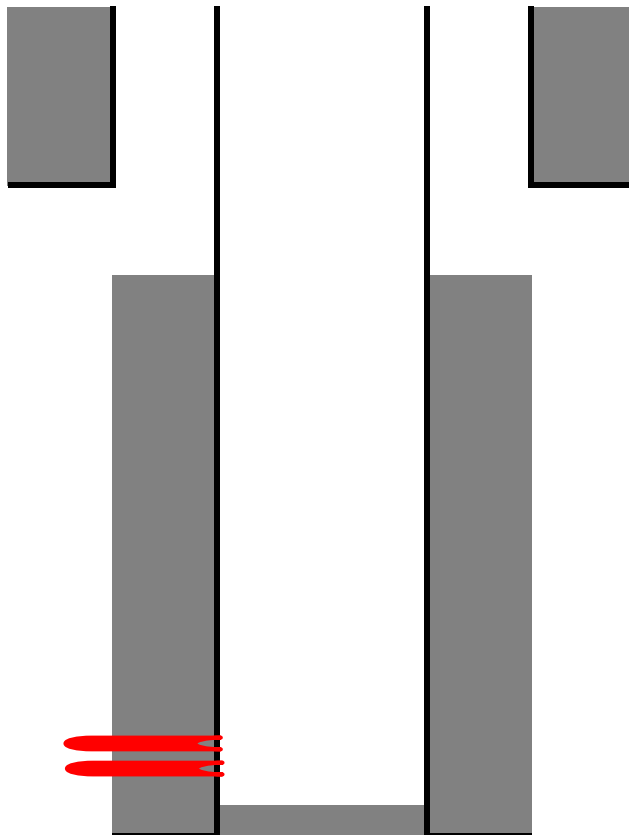
1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure
(If present call Logan Lowenstein #281-235-9207 and Craig Owen #970-646-3933 for orders)
4. MIRU P&A equipment, ND wellhead, NU BOP
5. TOH, inspect and tally tubing to derrick if present
6. PU 5-1/2" 20# casing scraper/bumper sub, TIH to 7,326', TOH and LD BHA
7. PU 5-1/2" 20# CICR, TIH to 7,326' and set
8. Sting out and roll hole with 162 bbl. of 9# mud treated with corrosion inhibitor
9. Pressure test casing to 500 psi, Sting in and establish IR
(If no IR or pressure test fails call Logan Lowenstein and Craig Owen for orders)
10. Pump 120 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, 105 sxs under and 15 sxs on top
(55 sxs is 508' in 5-1/2" with 50 sxs excess, 15 sxs is 138' in 5-1/2", TOC: 7,188')
11. TOH and LD to 4,540'
12. Pump 25 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(25 sxs is 230' in 5-1/2", TOC: 4,310')
13. TOH, WOC 4 hours, TIH and tag TOC at 4,310' or shallower
14. TOH and LD to 2,265'
15. Pump 20 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement
(25 sxs is 230' in 5-1/2", TOC: 2,035')
16. TOH, WOC 4 hours, TIH and tag TOC at 2,035' or shallower

**Merit Energy Company
Hatch PT. Federal #27-1A
API# 43-037-30518
NE-SW Sec 27 T27S-R21E
2027' FSL & 1837' FWL
Lion Mesa Field
San Juan County, Utah**

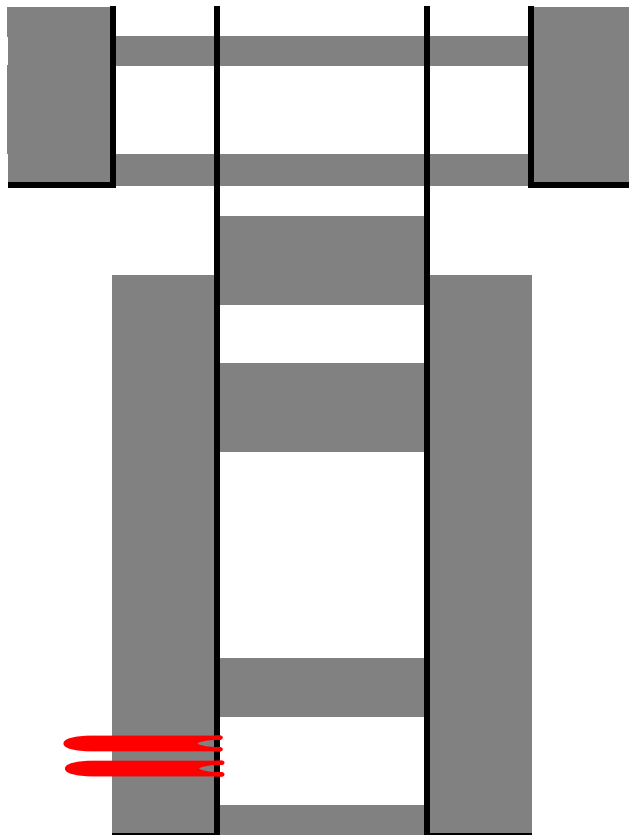
Plug & Abandoned Well

17. TOH, Stand back 1,070'
18. RU wireline, TIH and perforate 5-1/2" casing at 1,120', TOH, RD wireline
19. PU 5-1/2" 20# CICR, TIH to 1,070' and set, Establish IR into CICR
20. Pump 65 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement, 50 sxs under and 15 sxs on top
(6 sxs is 50' in 5-1/2", 11 sxs is 50' in 5-1/2" x 8-3/4", 33 sxs is 145' in 5-1/2" x 9-5/8", TOC: 925')
(15 sxs is 138' in 5-1/2", TOC: 932')
21. TOH and LD tubing, RU wireline, TIH and perforate 5-1/2" casing at 100', TOH, RD wireline
22. RDMO, ND BOP, Establish circulation down casing and up annulus to surface
23. Circulate 35 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
24. Dig up wellhead and cut off 3' below restored ground level, top off if necessary
25. Weld on cap with ID plate, backfill, clean location, P&A complete

Operator:	Merit Energy		
Well name:	Hatch PT. Federal #27-1A		Current
Legal:	NESW, Section 27, Township 27 South, Range 21 East		
Location:	San Juan County, Utah		
API:	43-037-30518		
Surface:	9-5/8" 40# at 1,070'	Hole size: 12-1/4"	TOC: Surface
Production:	5-1/2" 20# at 7,995'	Hole size: 8-3/4"	TOC: 2,190' (Calc.)
Perforations:	7,754' – 7,623' (Mississippian), 7,376' – 7,623' (Paradox)		
PBTD:	7,745'		
TD:	8,030'		



Operator:	Merit Energy		
Well name:	Hatch PT. Federal #27-1A		Proposed
Legal:	NESW, Section 27, Township 27 South, Range 21 East		
Location:	San Juan County, Utah		
API:	43-037-30518		
Surface:	9-5/8" 40# at 1,070'	Hole size: 12-1/4"	TOC: Surface
Production:	5-1/2" 20# at 7,995'	Hole size: 8-3/4"	TOC: 2,190' (Calc.)
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STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MERIT ENERGY COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240		8. WELL NAME and NUMBER: HATCH POINT 27-1A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2027 FSL 1837 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 27 Township: 27.0S Range: 21.0E Meridian: S		9. API NUMBER: 43037305180000
PHONE NUMBER: 972 628-1540 Ext		9. FIELD and POOL or WILDCAT: LION MESA
COUNTY: SAN JUAN		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/8/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input checked="" type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Merit Energy Plugged and Abandon the aforementioned well on 5/8/2016 witnessed by Jeff Brown & Lee Oliver with the BLM. Please see the attached Daily Summary for details of work done		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 19, 2016		
NAME (PLEASE PRINT) Katherine McClurkan	PHONE NUMBER 972 628-1660	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/18/2016	



Daily Operations Report

Report Date:
Report #

Well Name: Hatch Point Federal 27 1A

Daily Operations	
Report Start Date 11/7/2015	Primary Activity S/D
Operations Summary No activity, Magna wait on rig parts,	
Report Start Date 4/22/2016	Primary Activity MIRU / POH w/ rods
Operations Summary SITP 0psi / SICP 40psi, R/U rig, spot support equipment, (Note: anchor broke wait on anchor tester), (BLM Jeff brown notified OK to proceed 1-435-459-4886) blew down to tanks 15 min, dig out 9 5/8" annuals 0= vac, haul in 220 bbls Fw, replace anchor , R/U rod equipment, P/U Wt 5K-6K acts like not seated in SN, POH L/D polish rod w/ pack off, (1) 6' pony rod, 2' pony rod, (1) 25' rod w/ 2' pony rod , P/U polish rod w/ pack off TIH, R/U Hot oiler, heat Fw 150 deg pump 1 bbl down tbg pressure up 500 psi unable to pump tbg clear, R/D hot oiler, POH L/D polish w/ pack off, (53) 7/8" rods, P/U polish rod w/ pack off TIH, secure well SDON.	
Report Start Date 4/23/2016	Primary Activity MI / support equipment
Operations Summary No activity on job, Magna working up equipment for job.	
Report Start Date 4/24/2016	Primary Activity POH / Rods
Operations Summary SITP 0psi / SICP 0psi, (BLM Jeff brown notified OK to proceed 1-435-459-4886) R/U rod equipment, POH L/D polish w/ pack off, (166) 7/8" rods, (27) 3/4" rods, rod back off down hole, back side flowing some gas, N/D well head N/U BOPs, lost hydraulic pump on rig S/D, secure well SDON.	
Report Start Date 4/25/2016	Primary Activity S/D
Operations Summary No activity, Magna wait on rig parts,	
Report Start Date 4/26/2016	Primary Activity POH 2 3/8" tbg
Operations Summary SITP 0psi / SICP 10psi, Held safety mtg, (BLM Jeff brown notified OK to proceed 1-435-459-4886), blow down csg well started to unload oil, make rig repairs on hydraulic system, csg still unloading pump 10 bbls Fw down csg 1 bpm @ 800-1000 psi, S/I let back side go on vac, back side will only bled down 300 psi open to flat tank bled off, well still unloading, pump 8 bbls Fw down csg 1 bpm @ 800-1000 psi, S/I let back side bled off, on gas blow, P/U 2 3/8" 8' pup release hanger P/U wt 26K, POH L/D hanger, 2 3/8" 8' pup, R/U Washington head to control flow back off csg leave open to flat tank, TOH stand back 32 jts 2 3/8" tbg, tbg went wet R/U Mud bucket equipment continue, TOH stand back 4 jts 2 3/8" tbg, tbg has gas cut / oil, R/U tbg to flat tank let tbg clean up, continue TOH stand back 166 jts 2 3/8" tbg, total 202 jts 2 3/8" tbg in derrick, L/D 2 jt 2 3/8" tbg, P/U rod equipment, (Note: unable to pull out SN hand cut rods), POH (24 +/-) 3/4" rods, L/D 23 jts 2 3/8" tbg, SN, suck pump, (POH total 227 jts 2 3/8" hydrill tbg), TIH 56 jts 2 3/8" tbg out of derrick EOT 1000'+/- Kill string, secure well SDON.	
Report Start Date 4/27/2016	Primary Activity TIH Bit scrapper / TIH set CICR
Operations Summary SITP 10psi / SICP 10psi, Held safety mtg, (BLM Jeff brown on location OK to proceed 1-435-459-4886), blew down csg / tbg to flat tank csg on sight blow, TOH stand back 56 jts 2 3/8" hydrill tbg, P/U Cone bit 4.625, csg scrapper 5 1/2", bit sub, 2 3/8" X over EUE 2 3/8" box X Hydrill 2 3/8" pin, TIH talley in 224 jts 2 3/8" Hydrill tbg, P/U X over 2 3/8" hydrill pin x 2 3/8" EUE box, X over 2 3/8" EUE pin x 2 7/8" EUE box, TIH 13 jts 2 7/8" 6.5# N80 tbg EOT @ 7328' L/D 1 jt 2 7/8" tbg, TOH stand back 12 jts 2 7/8" EUE tbg, TOH stand back 224 jts 2 3/8" Hydrill tbg, L/D bit scrapper BHA, P/U CICR OD 4.330 w/ setting tool, TIH 112 jts 2 3/8" hydrill tbg, EOT @ 3457' secure well SDON.	
Report Start Date 4/28/2016	Primary Activity TIH CICR / load roll hole 9# mud
Operations Summary SITP 10psi / SICP 10psi, Held safety mtg, (BLM Jeff brown on location OK to proceed 1-435-459-4886), blew down csg / tbg to flat tank csg on sight blow, TIH 110 jts 2 3/8" Hydrill tbg, Change over support equipment 2 7/8", TIH 15 jts 2 7/8" EUE tbg, set CICR @ 7328' sting out, pump down tbg load hole 29 bbls break circ up 5 1/2" csg, see gas cut / oil, sting in CICR get inj rate pump 6 bbls Fw 1bpm 1000 psi sting out, roll hole w/ 162 bbls 9# mud w / inhibitor down tbg up 5 1/2" csg see mud returns, pressure test csg 500 psi 1hr. (Note: recovered 60 bbls oil), secure well SDON. Ready for cmt in am.	
Report Start Date 4/29/2016	Primary Activity Pump cmt P1
Operations Summary SIP 0 psi, Held safety mtg, (BLM Lee Oliver onsite OK to proceed 1-435-260-2308), Pump 2 bbl Fw, 120 sxs class G cmt, 15.8#, yield 1.15, slurry 24.5 bbls cmt, 1 bbl Fw, seeing returns, sting in CICR, Pump 2 bbls cmt displ 5 bbls 9# mud below CICR pressure up 1300 psi , sting out, stinger acts like plugging off, try to reverse cir pressure up 1700 psi, went to pump down tbg cmt start to fall out tbg on top CICR see returns, TOH L/D 15 jts 2 7/8" tbg, change over support equipment 2 3/8", Continue L/D 73 jts 2 3/8" tbg, TOH stand back 14 jts 2 3/8" tbg pulling wet, Try to reverse circ pressure up 1200 psi no luck, Continue TOH stand back 74 jts 2 3/8" wet pipe, L/D 61 jt 2 3/8" cmt up tbg w/ setting tool TOC @ 6650' +/-, (Note: BLM Lee Oliver 1-435-260-2309 OK w/ cmt on top CICR no tag needed), P/U 6' 2 3/8" Perforated sub w/ bull plug, TIH 86 jts 2 3/8" tbg out derrick, P/U 61 jts 2 3/8" tbg EOT @ 4547', Total 147 jts in hole, secure well SDON. Wait on CMT bulker.	
Report Start Date 4/30/2016	Primary Activity Ready pump P2 / P3
Operations Summary No activity wait on cmt.	



Daily Operations Report

Report Date:
Report #

Well Name: Hatch Point Federal 27 1A

Daily Operations	
Report Start Date 5/1/2016	Primary Activity S/D due to rig problems
Operations Summary Pull on location found Magna cmt truck had pulled into rig lines pulling out anchor and skidding rig 6", broke welds on board securing to derrick, Magna Safety stand down, will need to fix problems, well secured, S/D until further notice.	
Report Start Date 5/6/2016	Primary Activity Pump cmt P2 / P3
Operations Summary SIP 0 psi, Held safety mtg, (BLM Jeff brown on location OK to proceed 1-435-459-4886), Roll hole w/ 9# mud break circ, Pump 4 bbls Fw, 25 sxs class G cmt 15.8#, 1.15 yield, slurry 5 bbls cmt, 1 bbl Fw, displ 14.5 bbls 9# mud, see returns up 5 1/2", TOH L/D 8 jts 2 3/8" Hydril tbg, stand back 48 jts 2 3/8" Hydril tbg in derrick, EOT @ 2800', wait tag P2 in am, (Note: BLM Amended P3 to perforate @ 2400' set CICR @ 2350', 40 sxs cmt below / 5 sxs cmt above), wait on TCP guns be here in am, haul 2 7/8" tbg back to CCI yard, secure well, SDON.	
Report Start Date 5/7/2016	Primary Activity Tag P2 / perf, set CICR, cmt P3 / perf & set CICR, cmt P4 / perf P5
Operations Summary SIP 0 psi, Held safety mtg, (BLM Jeff brown on location OK to proceed 1-435-459-4886), TIH 48 jts 2 3/8" tbg out derrick, P/U 3 jt 2 3/8" tbg, tag 8' in on jt 143, TOC @ 4406' (BLM good w/ tag),TOH L/D 65 jts 2 3/8" tbg, stand back 78 jts 2 3/8" tbg in derrick, P/U TCP gun 4 spf TIH 78 jts 2 3/8" tbg, perforate 2416' TOH L/D 2 jts, stand back 76 jts 2 3/8" tbg, L/D TCP gun, P/U CICR 4.26 OD w/ setting tool, TIH 76 jts 2 3/8" tbg out derrick, set CICR @ 2357', get inj rate 1 bpm 600 psi, Pump 1 bbl Fw, 40 sxs class G cmt 15.8#, yield 1.15, slurry 8 bbls cmt below CICR displ 7 bbls 9# mud, sting out, Pump 5 sxs class G cmt 15.8#, yield 1.15, slurry 1 bbl cmt above CICR, TOH L/D 40 jts 2 3/8" tbg, stand back 36 jts 2 3/8" tbg, L/D setting tool, P/U TCP gun 4 spf, TIH 36 jts 2 3/8" tbg, perforate @ 1116', TOH L/D 2 jts 2 3/8" tbg, stand back 34 jts 2 3/8" tbg, L/D TCP gun, get inj rate 3 bpm, 250 psi break circ 5 1/2" x 9 5/8" annulus w/ 9# mud see good returns, P/U CICR 4.25 OD w/ setting tool, TIH 34 jts 2 3/8" tbg out of derrick, P/U 8' 2 3/8" sub set CICR @ 1060', Pump 1 bbl Fw, 50 sxs class G cmt 15.8#, yield 1.15, slurry 10 bbls cmt below CICR, sting out, Pump 15 sxs class G cmt 15.8#, yield 1.15, slurry 3 bbls cmt above CICR, 1 bbl Fw, displ 1.5 bbls 9# mud see returns, start to sqz off 600 psi, TOC @ 925', TOH L/D 8' 2 3/8" sub, 34 jts 2 3/8" tbg, w/ setting tool, P/U TCP gun 4 spf, TIH 3 jts tbg, perforate @ 100', TOH L/D 3 jts tbg w/ TCP gun, R/D floor w/ support equipment, N/D BOPs, N/U well head flange, secure well, SDON.	
Report Start Date 5/8/2016	Primary Activity Pump P5 / R/D
Operations Summary Held safety mtg, (BLM Jeff brown OK to proceed 1-435-459-4886), Perforate @ 100', Break circ, Pump 1 bbl Fw, 33 sxs class G cmt 15.8#, yield 1.15, slurry 7 bbls cmt, see cmt on returns, R/D rig, dig out & cut off, well head, weld on plate data, fill in dirt work. pull anchors, well plugged. Magna will haul off salvage in am.	